

Converting Colors

XYZ(73.9692, 81.7198,
104.3995)

Have a look what the booklet for
XYZ(73.9692, 81.7198, 104.3995)
contains.

XYZ(74.0497, 81.9467, 104.8430)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(74.0497, 81.9467,
104.8430)**

Conversions

Conversions Part 1

Format	Color
Hex	CEEFFD
RGB	206, 239, 253
RGB Percent	81%, 94%, 99%
CMY	0.1921, 0.0627, 0.0078
CMYK	0.19, 0.06, 0.00, 0.01
HSL	198°, 92%, 90%
HSV	198°, 19%, 99%
XYZ	74.0497, 81.9467, 104.8430
YIQ	230.7290, -24.1620, -2.6420

Conversions

Conversions Part 2

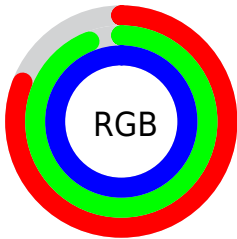
Format	Color
R _{YB}	206, 225, 253
Decimal	13561853
CIE Lab	92.55, -7.82, -10.34
CIE LCh	93, 12.960, 232.910
Yxy	81.9467, 0.2839, 0.3142
Android (android.graphics.Color)	4291751933 (0xFFCEEFFD)
YUV	230.7290, 10.9796, -21.6873
Hunter-Lab	90.5244, -12.4033, -5.3010

Details

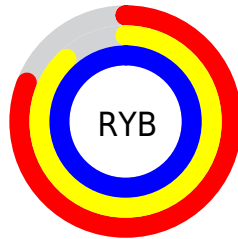
The XYZ color **74.0497, 81.9467, 104.8430** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **77.2424, 76.5252, 69.0938**, and the grayscale version is **75.6900, 79.6318, 86.7190**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.6598, 44.4318, 58.7105** is the 20% darker color. If you saturate the color by 10%, you get **65.4240, 74.2953, 103.8221**, and if you desaturate by 10%, it is **83.9028, 90.3715, 105.9512**.

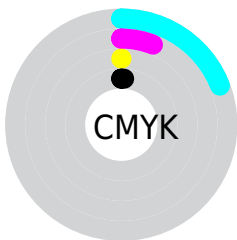
Distribution



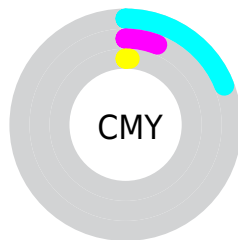
- Red (81%)
- Green (94%)
- Blue (99%)



- Red (81%)
- Yellow (88%)
- Blue (99%)



- Cyan (19%)
- Magenta (6%)
- Yellow (0%)
- Black (1%)



- Cyan (19%)
- Magenta (6%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.0497, 81.9467, 104.8430 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 74.0497, 81.9467, 104.8430 by changing the saturation by 10% instead.

■ 74.0497, 81.9467,
104.8430

■ 74.0497, 81.9467,
104.8430

463.6925,
501.4694, 596.9895

■ 55.1261, 61.3216,
79.7119

123.9614,
136.0993, 169.9065

■ 39.7370, 44.4848,
58.9565

155.6802,
170.3955, 210.6760

■ 27.5168, 31.0518,
42.1584

192.3949,
210.0176, 257.4954

■ 18.1003, 20.6383,
28.8988

234.4707,
255.3499, 310.7832

■ 11.1222, 12.8599,
18.7594

282.2730,
306.7768, 370.9580

■ 6.2170, 7.3321,
11.3215

336.1671,

■ 3.0194, 3.6707,

364.6828, 438.4382

6.1666

396.5186,
429.4522, 513.6426

■ 1.1640, 1.4911,
2.8762

■ 0.0777, 0.2824,
1.0318

■ 74.0497, 81.9467,
104.8430

■ 74.0497, 81.9467,
104.8430

■ 65.4240, 74.2953,
103.8221

■ 83.9028, 90.3715,
105.9512

■ 57.9632, 67.3773,
102.8800

■ 94.4352, 99.2826,
107.1161

■ 51.6103, 61.1636,
102.0155

■ 94.7299, 99.8720,
107.2143

■ 46.3002, 55.6189,
101.2251

■ 41.9605, 50.7043,
100.5052

■ 38.5089, 46.3755,
99.8516

■ 35.8483, 42.5807,
99.2594

■ 33.8408, 39.2469,
98.7217

■ 33.5820, 38.7962,
98.6483

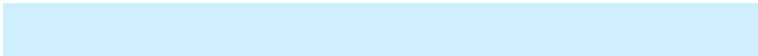
Harmonies

Analogous

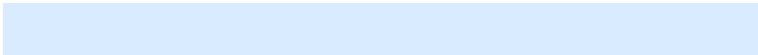
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.0773, 81.9467, 96.6377



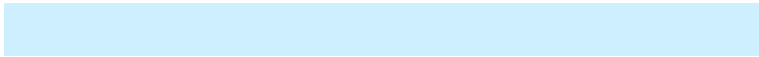
74.0497, 81.9467, 104.8430



77.0918, 81.9467, 108.9123

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.0497, 81.9467, 104.8430



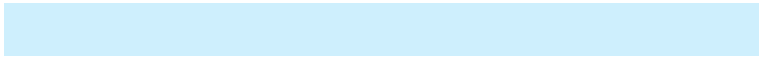
84.4885, 81.9467, 91.5334



75.3955, 81.9467, 73.2188

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



74.0497, 81.9467, 104.8430



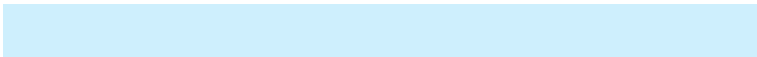
77.2424, 76.5252, 69.0938

Split Complementary

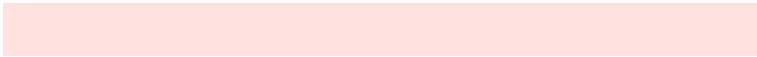
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.6894, 81.9467, 72.0676



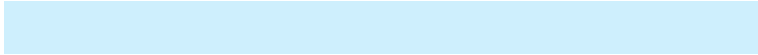
74.0497, 81.9467, 104.8430



84.0027, 81.9467, 82.2033

Square

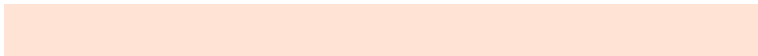
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



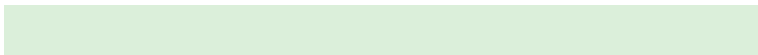
74.0497, 81.9467, 104.8430



83.1654, 81.9467, 100.8772



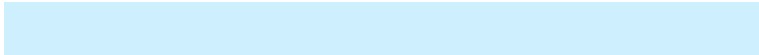
81.8564, 81.9467, 75.2424



72.8385, 81.9467, 78.5084

Rectangle

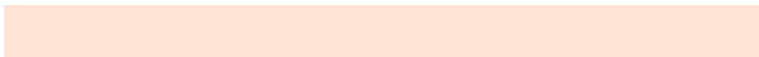
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.0497, 81.9467, 104.8430



79.3428, 81.9467, 108.5394



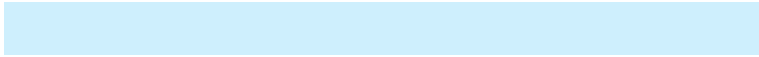
81.8564, 81.9467, 75.2424



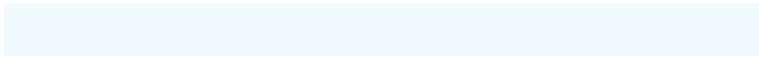
76.4508, 81.9467, 72.3514

Sweetspot

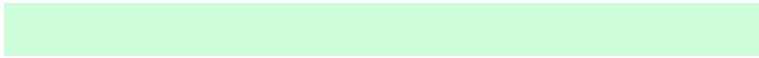
The Sweet Spot groups the original color and five complimentary colors.



74.0521, 81.9501, 104.8448



88.2070, 94.3400, 108.1682



73.4083, 88.5050, 80.4523



18.7266, 20.0646, 23.1358



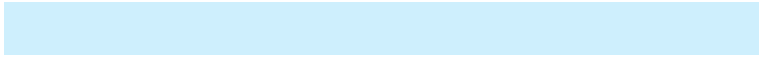
0.0000, 0.0000, 0.0000



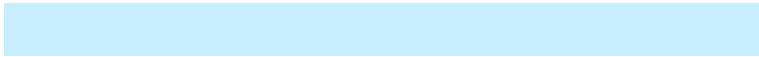
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.0521, 81.9501, 104.8448



72.2366, 80.6684, 106.3710



67.7876, 69.4210, 102.7567



18.0713, 19.5143, 23.0641



17.9974, 20.9044, 52.5210



1.8478, 2.2262, 5.1456

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



78.1612, 71.2590, 91.3001



77.1162, 68.2511, 90.2243



83.6458, 89.3319, 71.2282



18.5486, 18.2028, 21.5063



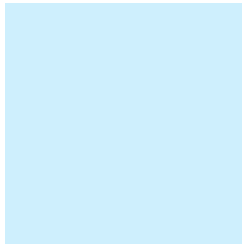
25.8725, 12.8383, 23.7766



2.5673, 1.2693, 2.5686

Previews

White Background



This preview shows how the XYZ color 74.0497, 81.9467, 104.8430 looks on a white background.

Color Contrast Check

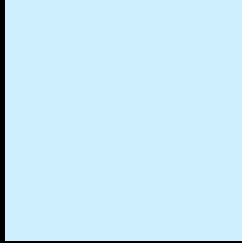
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 74.0497, 81.9467, 104.8430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

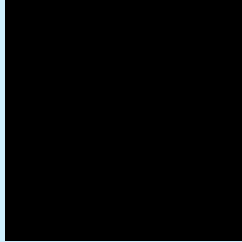
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.0497, 81.9467, 104.8430

Background



This preview shows how black text looks on a background with the XYZ color 74.0497, 81.9467, 104.8430.

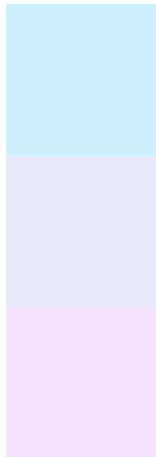


This preview shows how white text looks on a background with the XYZ color 74.0497, 81.9467,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

74.0497, 81.9467, 104.8430

Protanopia

79.5598, 81.8764, 101.2330

Deuteranopia

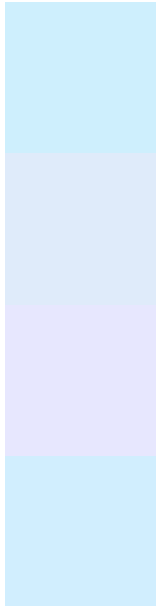
83.1753, 81.5706, 105.9686



Tritanopia

75.2029, 82.0707, 106.4854

Trichromacy



Original Color

74.0497, 81.9467, 104.8430

Protanomaly

77.3951, 82.0068, 102.1922

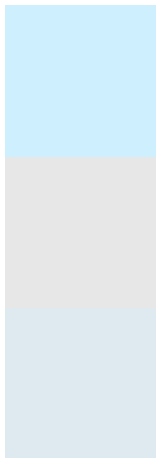
Deuteranomaly

79.4203, 81.2965, 105.2718

Tritanomaly

74.7584, 81.8601, 105.6263

Monochromacy



Original Color

74.0497, 81.9467, 104.8430

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.1270, 80.6072, 93.2605

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.0497, 81.9467, 104.8430 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(206, 239, 253)` looks like.

```
.text, #text, p{  
    color:rgb(206, 239, 253)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(206, 239, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 239, 253) }
```

Border

The CSS property to change the border of an element to XYZ 74.0497, 81.9467, 104.8430 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(206, 239, 253) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(206, 239, 253) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(206, 239, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 239, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 239, 253);  
box-shadow:4px 4px 4px 4px rgb(206, 239,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 74.0497, 81.9467, 104.8430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 239, 253) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(206,  
239, 253) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor