

Converting Colors

XYZ(73.9172, 82.7009,
105.6675)

Have a look what the booklet for
XYZ(73.9172, 82.7009, 105.6675)
contains.

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Color

**XYZ(73.9733, 82.7629,
105.8420)**

Conversions

Conversions Part 1

Format	Color
Hex	CBF1FE
RGB	203, 241, 254
RGB Percent	80%, 95%, 100%
CMY	0.2039, 0.0549, 0.0039
CMYK	0.20, 0.05, 0.00, 0.00
HSL	195°, 96%, 90%
HSV	195°, 20%, 100%
XYZ	73.9733, 82.7629, 105.8420
YIQ	231.1200, -26.8210, -4.0130

Conversions

Conversions Part 2

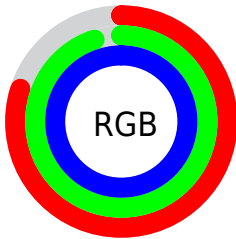
Format	Color
R _Y B	203, 225, 254
Decimal	13365758
CIE Lab	92.91, -9.52, -10.34
CIE LCh	93, 14.059, 227.368
Yxy	82.7629, 0.2817, 0.3152
Android (android.graphics.Color)	4291555838 (0xFFC ^B F1FE)
YUV	231.1200, 11.2798, -24.6612
Hunter-Lab	90.9741, -14.0619, -5.2979

Details

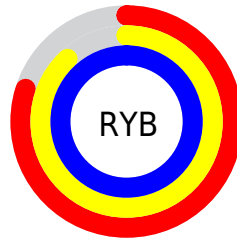
The XYZ color **73.9733, 82.7629, 105.8420** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.2092, 74.4944, 66.8638**, and the grayscale version is **75.9799, 79.9368, 87.0512**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.6397, 45.0250, 59.4248** is the 20% darker color. If you saturate the color by 10%, you get **65.7332, 75.7229, 104.9188**, and if you desaturate by 10%, it is **83.4196, 90.5301, 106.8447**.

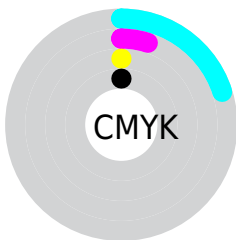
Distribution



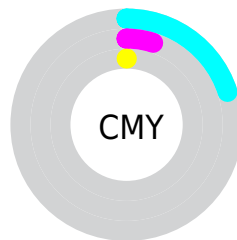
- Red (80%)
- Green (95%)
- Blue (100%)



- Red (80%)
- Yellow (88%)
- Blue (100%)



- Cyan (20%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.9733, 82.7629, 105.8420 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 73.9733, 82.7629, 105.8420 by changing the saturation by 10% instead.

73.9733, 82.7629,
105.8420

73.9733, 82.7629,
105.8420

463.4329,
504.1960, 600.1706

55.0634, 61.9946,
80.5443

123.8537,
137.2433, 171.2842

39.6865, 45.0283,
59.6376

155.5548,
171.7242, 212.2658

27.4773, 31.4797,
42.7032

192.2504,
211.5448, 259.3124

18.0705, 20.9644,
29.3226

234.3059,
257.0894, 312.8427

11.1006, 13.0980,
19.0774

282.0865,
308.7424, 373.2751

6.2023, 7.4961,
11.5488

335.9576,

3.0103, 3.7742,

366.8882, 441.0282

6.3185

396.2847,
431.9113, 516.5205

■ 1.1592, 1.5481,
2.9678

■ 0.0738, 0.3222,
1.0782

■ 73.9733, 82.7629,
105.8420

■ 73.9733, 82.7629,
105.8420

■ 65.7332, 75.7229,
104.9188

■ 83.4196, 90.5301,
106.8447

■ 58.6361, 69.3700,
104.0666

■ 94.1169, 99.0421,
107.9239

■ 52.6240, 63.6756,
103.2843

■ 94.8897, 99.9359,
108.0556

■ 47.6308, 58.6042,
102.5687

■ 43.5825, 54.1168,
101.9159

■ 40.3946, 50.1688,
101.3218

■ 37.9665, 46.7070,
100.7816

■ 36.1457, 43.6679,
100.2910

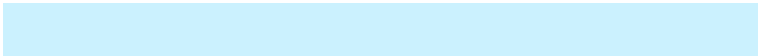
Harmonies

Analogous

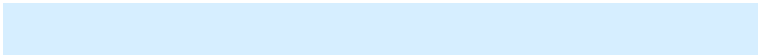
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.1092, 82.7629, 96.2930



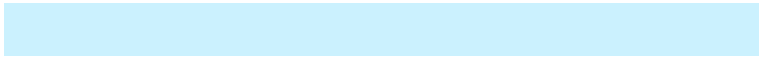
73.9733, 82.7629, 105.8420



77.1282, 82.7629, 111.3442

Triad

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



73.9733, 82.7629, 105.8420



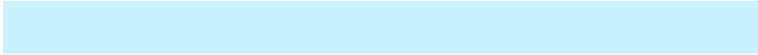
85.7637, 82.7629, 94.6140



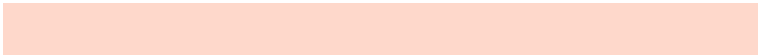
76.5727, 82.7629, 72.1440

Complementary

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



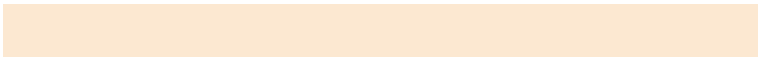
73.9733, 82.7629, 105.8420



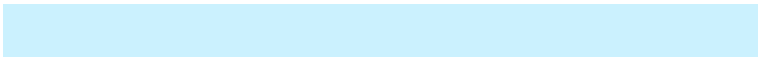
76.2092, 74.4944, 66.8638

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.



80.2194, 82.7629, 71.7713



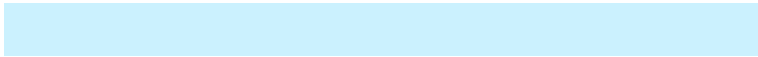
73.9733, 82.7629, 105.8420



85.6037, 82.7629, 84.2065

Square

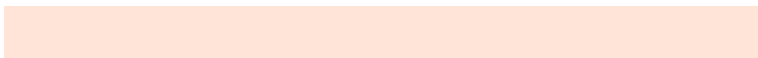
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.9733, 82.7629, 105.8420



83.9789, 82.7629, 104.5307



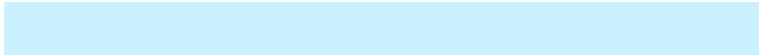
83.5482, 82.7629, 76.0281



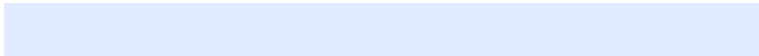
73.5776, 82.7629, 77.0891

Rectangle

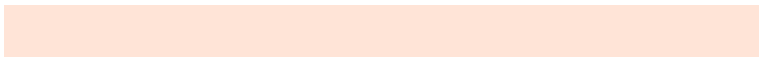
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.9733, 82.7629, 105.8420



79.5735, 82.7629, 111.7162



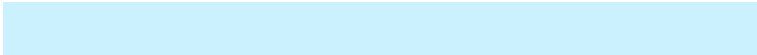
83.5482, 82.7629, 76.0281



77.7607, 82.7629, 71.4944

Sweetspot

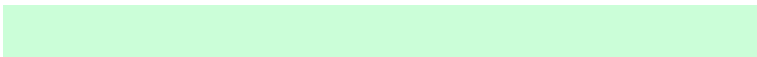
The Sweet Spot groups the original color and five complimentary colors.



73.9757, 82.7663, 105.8439



88.4121, 94.7502, 108.2365



72.4343, 88.5266, 78.0677



18.7752, 20.1617, 23.1520



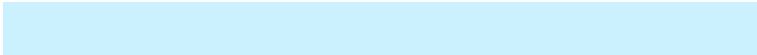
0.0000, 0.0000, 0.0000



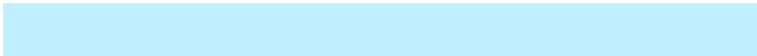
20.3446, 21.4041, 23.3091

Same Dimension

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



73.9757, 82.7663, 105.8439



71.2317, 80.6325, 106.4171



67.0115, 68.8377, 103.5224



18.1400, 19.6515, 23.0870



19.1808, 23.2712, 52.9154



1.9551, 2.4409, 5.1814

Inverse Universe

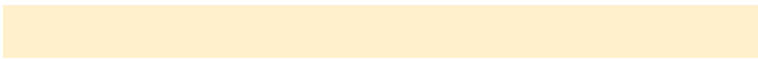
The Inverse Universe completely reimagines the original color for something new.



78.1081, 70.1354, 92.6437



76.1270, 66.0105, 90.7034



83.1834, 88.4429, 69.1885



18.5833, 18.2166, 21.6888



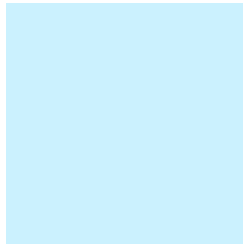
26.4698, 13.0772, 26.9220



2.6214, 1.2910, 2.8539

Previews

White Background



This preview shows how the XYZ color 73.9733, 82.7629, 105.8420 looks on a white background.

Color Contrast Check

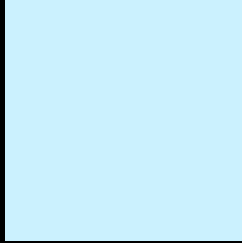
Large Text (above 18pt) WCAG AA × Fail

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 73.9733, 82.7629, 105.8420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

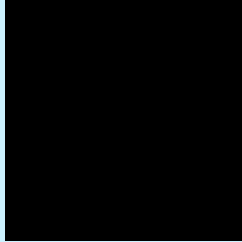
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.9733, 82.7629, 105.8420

Background



This preview shows how black text looks on a background with the XYZ color 73.9733, 82.7629, 105.8420.



This preview shows how white text looks on a background with the XYZ color 73.9733, 82.7629,

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





Tritanopia

75.4948, 82.6546, 106.5827

Trichromacy



Original Color

73.9733, 82.7629, 105.8420

Protanomaly

77.8395, 82.6439, 103.1161

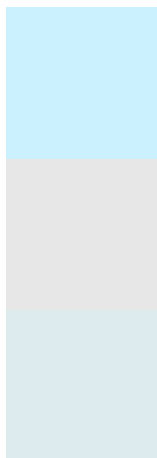
Deuteranomaly

79.8220, 82.3208, 106.2902

Tritanomaly

74.9422, 82.8056, 106.6409

Monochromacy



Original Color

73.9733, 82.7629, 105.8420

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.1071, 81.0208, 93.3414

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.9733, 82.7629, 105.8420 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(203, 241, 254)` looks like.

```
.text, #text, p{  
    color:rgb(203, 241, 254)  
}
```

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(203, 241, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 241, 254) }
```

Border

The CSS property to change the border of an element to XYZ 73.9733, 82.7629, 105.8420 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(203, 241, 254) }
```


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

```
.border{ border-color:rgb(203, 241, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 241, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 241, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 241, 254);  
box-shadow:4px 4px 4px 4px rgb(203, 241,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 73.9733, 82.7629, 105.8420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 241, 254) }
```

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

```
.background{ background-color: rgb(203,  
241, 254) }
```

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](#).

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