

Converting Colors

XYZ(73.5236, 80.2798,
104.8455)

Have a look what the booklet for
XYZ(73.5236, 80.2798, 104.8455)
contains.

XYZ(73.4572, 80.3482, 104.5656)	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(73.4572, 80.3482,
104.5656)**

Conversions

Conversions Part 1

Format	Color
Hex	CFECCF
RGB	207, 236, 253
RGB Percent	81%, 93%, 99%
CMY	0.1882, 0.0745, 0.0078
CMYK	0.18, 0.07, 0.00, 0.01
HSL	202°, 92%, 90%
HSV	202°, 18%, 99%
XYZ	73.4572, 80.3482, 104.5656
YIQ	229.2670, -22.7410, -0.8610

Conversions

Conversions Part 2

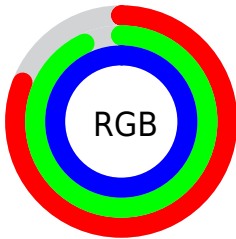
Format	Color
RYB	207, 225, 253
Decimal	13626621
CIELab	91.84, -5.98, -11.39
CIELCh	92, 12.865, 242.282
Yxy	80.3482, 0.2843, 0.3110
Android (android.graphics.Color)	4291816701 (0xFFCFE CFD)
YUV	229.2670, 11.7004, -19.5282
Hunter-Lab	89.6372, -10.5852, -6.4183

Details

The XYZ color **73.4572, 80.3482, 104.5656** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **78.4267, 78.6988, 70.0899**, and the grayscale version is **74.6032, 78.4884, 85.4739**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.2340, 43.3034, 58.5151** is the 20% darker color. If you saturate the color by 10%, you get **64.3263, 71.7514, 103.3888**, and if you desaturate by 10%, it is **83.8663, 89.8173, 105.8460**.

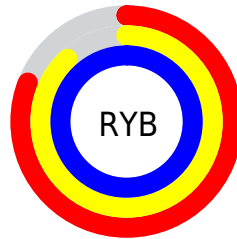
Distribution



Red (81%)

Green (93%)

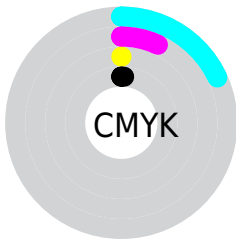
Blue (99%)



Red (81%)

Yellow (88%)

Blue (99%)

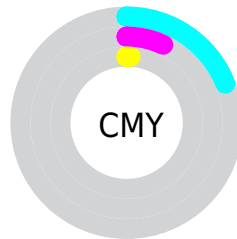


Cyan (18%)

Magenta (7%)

Yellow (0%)

Black (1%)



Cyan (19%)

Magenta (7%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.4572, 80.3482, 104.5656 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 73.4572, 80.3482, 104.5656 by changing the saturation by 10% instead.

■ 73.4572, 80.3482,
104.5656

■ 73.4572, 80.3482,
104.5656

461.6772,
496.1055, 596.1046

■ 54.6396, 60.0049,
79.4808

123.1257,
133.8552, 169.5237

■ 39.3459, 43.4226,
58.7676

154.7073,
167.7877, 210.2342

■ 27.2109, 30.2168,
42.0073

191.2742,
207.0187, 256.9903

■ 17.8691, 20.0032,
28.7814

233.1919,
251.9326, 310.2106

■ 10.9552, 12.3974,
18.6713

280.8257,
302.9139, 370.3137

■ 6.1038, 7.0149,
11.2586

334.5410,

■ 2.9495, 3.4714,

360.3469, 437.7180

6.1247

394.7030,
424.6159, 512.8421

■ 1.1271, 1.3825,
2.8511

■ 0.0476, 0.2038,
1.0191

■ 73.4572, 80.3482,
104.5656

■ 73.4572, 80.3482,
104.5656

■ 64.3263, 71.7514,
103.3888

■ 83.8663, 89.8173,
105.8460

■ 56.4105, 63.9849,
102.3069

94.6348, 99.6817,
107.1825

■ 49.6519, 57.0177,
101.3183

94.7299, 99.8719,
107.2142

■ 43.9844, 50.8124,
100.4193

■ 39.3350, 45.3280,
99.6058

■ 35.6206, 40.5181,
98.8731

■ 32.7436, 36.3289,
98.2162

■ 30.5705, 32.6878,
97.6279

■ 30.2173, 32.0669,
97.5267

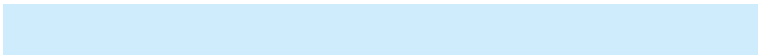
Harmonies

Analogous

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



71.1324, 80.3482, 97.5469



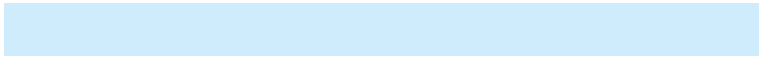
73.4572, 80.3482, 104.5656



76.6213, 80.3482, 106.9136

Triad

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



73.4572, 80.3482, 104.5656



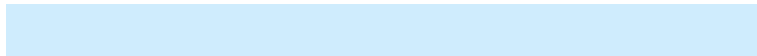
82.8810, 80.3482, 86.7644



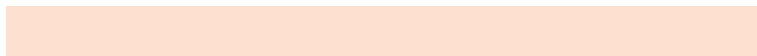
73.0319, 80.3482, 73.0138

Complementary

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



73.4572, 80.3482, 104.5656



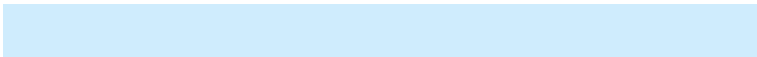
78.4267, 78.6988, 70.0899

Split Complementary

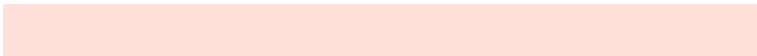
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.1163, 80.3482, 70.5663



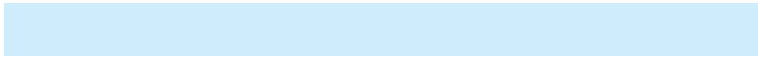
73.4572, 80.3482, 104.5656



81.8555, 80.3482, 78.1409

Square

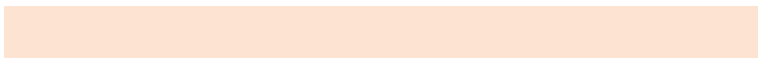
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.4572, 80.3482, 104.5656



82.1202, 80.3482, 96.2064



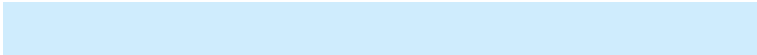
79.3558, 80.3482, 72.3747



70.8919, 80.3482, 79.3083

Rectangle

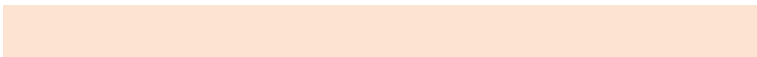
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.4572, 80.3482, 104.5656



78.7980, 80.3482, 105.3874



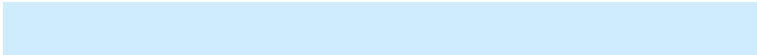
79.3558, 80.3482, 72.3747



73.9895, 80.3482, 71.7352

Sweetspot

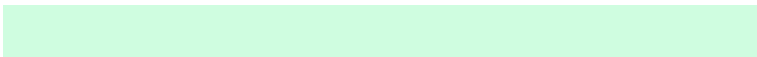
The Sweet Spot groups the original color and five complimentary colors.



73.4596, 80.3515, 104.5674



89.0293, 94.6924, 108.1929



74.2953, 88.8920, 83.6698



18.8807, 20.1124, 23.1369



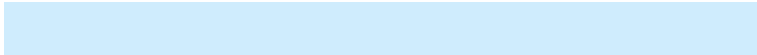
0.0000, 0.0000, 0.0000



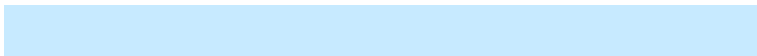
20.3446, 21.4041, 23.3091

Same Dimension

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



73.4596, 80.3515, 104.5674



71.0768, 78.3486, 105.9844



67.2911, 68.0145, 102.5112



17.9576, 19.2869, 23.0262



16.2184, 17.3464, 51.9280



1.6837, 1.8981, 5.0909

Inverse Universe

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



77.9630, 71.5662, 89.0653



76.5307, 68.0170, 87.1413



84.9918, 91.8290, 72.2783



18.4913, 18.1798, 21.2041



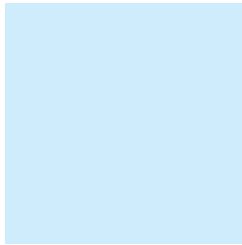
24.9745, 12.4791, 19.0480



2.4845, 1.2362, 2.1325

Previews

White Background



This preview shows how the XYZ color 73.4572, 80.3482, 104.5656 looks on a white background.

Color Contrast Check

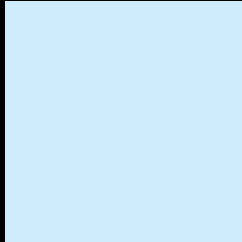
Large Text (above 18pt) WCAG AA × Fail

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 73.4572, 80.3482, 104.5656 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

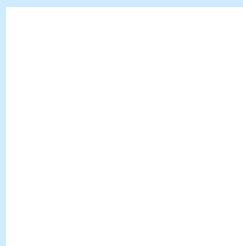
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.4572, 80.3482, 104.5656

Background



This preview shows how black text looks on a background with the XYZ color 73.4572, 80.3482, 104.5656.

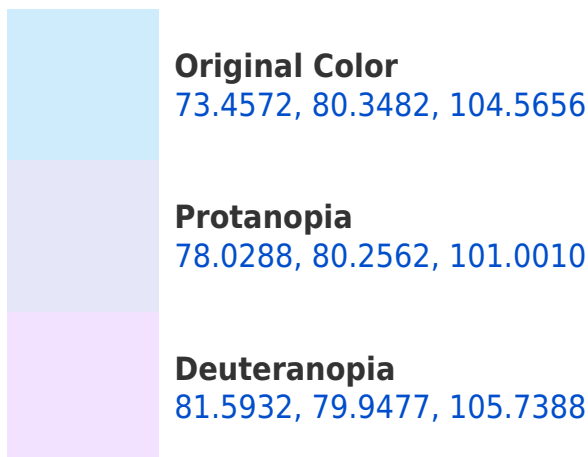


This preview shows how white text looks on a background with the XYZ color 73.4572, 80.3482,

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

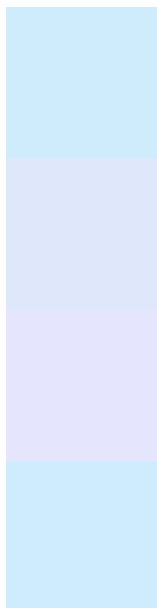




Tritanopia

73.7776, 80.4763, 106.2527

Trichromacy



Original Color

73.4572, 80.3482, 104.5656

Protanomaly

76.2361, 80.1449, 101.8939

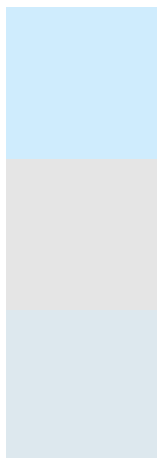
Deuteranomaly

78.2218, 79.8524, 105.0563

Tritanomaly

73.6170, 80.4121, 105.4070

Monochromacy



Original Color

73.4572, 80.3482, 104.5656

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.1080, 79.2584, 92.2814

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.4572, 80.3482, 104.5656 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(207, 236, 253)` looks like.

```
.text, #text, p{  
    color:rgb(207, 236, 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(207, 236, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 236, 253) }
```

Border

The CSS property to change the border of an element to XYZ 73.4572, 80.3482, 104.5656 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(207, 236, 253) }
```


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

```
.border{ border-color:rgb(207, 236, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 236, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 236, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 236, 253);  
box-shadow:4px 4px 4px 4px rgb(207, 236,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 73.4572, 80.3482, 104.5656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 236, 253) }
```

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

```
.background{ background-color: rgb(207,  
236, 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](#).

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