

Converting Colors

XYZ(31.4210, 39.6641, 64.7433)

Have a look what the booklet for
XYZ(31.4210, 39.6641, 64.7433)
contains.

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Color

**XYZ(31.5577, 39.7999,
65.0504)**

Conversions

Conversions Part 1

Format	Color
Hex	53B6CF
RGB	83, 182, 207
RGB Percent	33%, 71%, 81%
CMY	0.6745, 0.2863, 0.1882
CMYK	0.60, 0.12, 0.00, 0.19
HSL	192°, 56%, 57%
HSV	192°, 60%, 81%
XYZ	31.5577, 39.7999, 65.0504
YIQ	155.2490, -67.0290, -13.2130

Conversions

Conversions Part 2

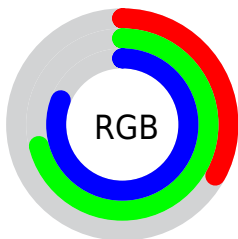
Format	Color
R_{YB}	83, 138, 207
Decimal	5486287
CIE _{Lab}	69.33, -21.56, -21.33
CIE _{LCh}	69, 30.330, 224.690
Yxy	39.7999, 0.2313, 0.2918
Android (android.graphics.Color)	4283676367 (0xFF53B6CF)
YUV	155.2490, 25.5132, -63.3624
Hunter-Lab	63.0872, -21.1126, -16.9741

Details

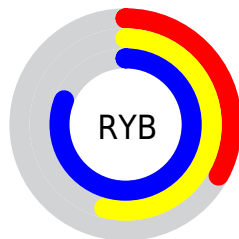
The XYZ color **31.5577, 39.7999, 65.0504** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **32.6571, 24.6163, 11.2150**, and the grayscale version is **31.1790, 32.8028, 35.7222**.

A 20% lighter version of the original color is **59.9522, 74.2087, 105.7716**, and **13.6000, 18.0004, 32.8946** is the 20% darker color. If you saturate the color by 10%, you get **29.1550, 37.3121, 64.6976**, and if you desaturate by 10%, it is **34.5335, 42.6226, 65.4391**.

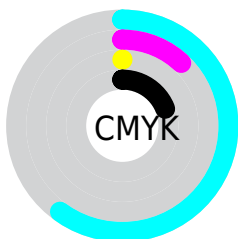
Distribution



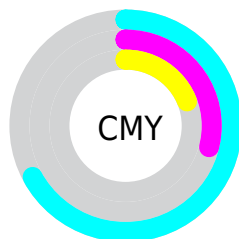
- Red (33%)
- Green (71%)
- Blue (81%)



- Red (33%)
- Yellow (54%)
- Blue (81%)



- Cyan (60%)
- Magenta (12%)
- Yellow (0%)
- Black (19%)



- Cyan (67%)
- Magenta (29%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.5577, 39.7999, 65.0504 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 31.5577, 39.7999, 65.0504 by changing the saturation by 10% instead.

■ 31.5577, 39.7999,
65.0504

■ 31.5577, 39.7999,
65.0504

300.8807,
345.2795, 461.2842

■ 21.1778, 27.3826,
47.0503

■ 61.4869, 74.8587,
113.7363

■ 13.3672, 17.8607,
32.7208

■ 81.7670, 98.2690,
145.2592

■ 7.7606, 10.8501,
21.6433

■ 106.0778,
126.1123, 182.1268

■ 3.9927, 5.9661,
13.3992

■ 134.7847,
158.7732, 224.7576

■ 1.6980, 2.8245,
7.5701

168.2531,
196.6359, 273.5703

■ 0.4550, 1.0408,
3.7373

206.8483,

■ 0.0000, 0.0000,

240.0850, 328.9832

1.4824

250.9357,
289.5047, 391.4150

■ 0.0000, 0.0000,
0.2047

■ 0.0000, 0.0000,
0.0000

■ 31.5577, 39.7999,
65.0504

■ 31.5577, 39.7999,
65.0504

■ 29.1550, 37.3121,
64.6976

■ 34.5335, 42.6226,
65.4391

■ 27.2711, 35.1284,
64.3754

■ 38.1229, 45.7989,
65.8630

■ 25.8479, 33.2194,
64.0819

■ 42.3668, 49.3511,
66.3250

■ 24.7762, 31.5285,
63.8120

■ 47.3015, 53.2983,
66.8268

■ 24.7662, 31.5122,
63.8094

■ 52.9608, 57.6579,
67.3700

■ 59.3757, 62.4466,
67.9562

■ 66.5760, 67.6797,
68.5868

■ 74.5893, 73.3720,
69.2632

■ 77.9812, 76.7221,
69.7311

Harmonies

Analogous

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



29.4787, 39.7999, 50.4940



31.5577, 39.7999, 65.0504



35.4110, 39.7999, 74.6686

Triad

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



31.5577, 39.7999, 65.0504



47.5924, 39.7999, 50.8045



35.5045, 39.7999, 22.2353

Complementary

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



31.5577, 39.7999, 65.0504



32.6571, 24.6163, 11.2150

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.



40.3539, 39.7999, 22.2834



31.5577, 39.7999, 65.0504



47.6229, 39.7999, 36.8874

Square

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



31.5577, 39.7999, 65.0504



44.7996, 39.7999, 65.3193



44.8797, 39.7999, 27.0864



31.6211, 39.7999, 26.9370

Rectangle

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



31.5577, 39.7999, 65.0504



38.5991, 39.7999, 75.9135



44.8797, 39.7999, 27.0864



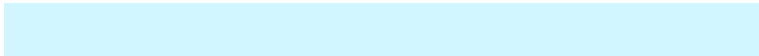
37.0685, 39.7999, 21.7351

Sweetspot

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



31.5590, 39.8014, 65.0514



77.2514, 86.5471, 107.2414



28.5773, 47.5441, 21.8038



15.9988, 18.1045, 22.9012



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.



31.5590, 39.8014, 65.0514



45.7454, 58.7097, 103.5288



21.5716, 19.8265, 61.7222



11.9475, 12.9853, 15.1204



15.6721, 19.9908, 40.2251



0.9289, 1.2229, 2.2667

Inverse Universe

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



37.2700, 22.8305, 46.6999



56.1717, 30.8787, 69.3188



41.6318, 42.5657, 14.2066



12.2044, 11.9665, 14.3522



20.5413, 10.0894, 23.5544



1.1751, 0.5748, 1.4568

Previews

White Background



This preview shows how the XYZ color 31.5577, 39.7999, 65.0504 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 31.5577, 39.7999, 65.0504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

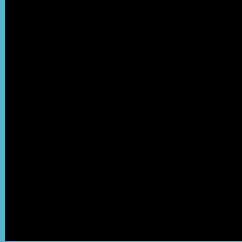
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 31.5577, 39.7999, 65.0504

Background



This preview shows how black text looks on a background with the XYZ color 31.5577, 39.7999, 65.0504.



This preview shows how white text looks on a background with the XYZ color 31.5577, 39.7999,

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

31.5577, 39.7999, 65.0504

Protanopia

38.7971, 39.3500, 58.3738

Deuteranopia

40.3173, 39.3999, 67.1080



Tritanopia

30.3510, 39.6065, 59.4712

Trichromacy



Original Color

31.5577, 39.7999, 65.0504

Protanomaly

34.9680, 38.7086, 60.8868

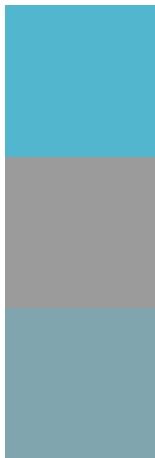
Deuteranomaly

36.0273, 38.8473, 66.5722

Tritanomaly

30.7844, 39.7895, 61.3160

Monochromacy



Original Color

31.5577, 39.7999, 65.0504

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

30.1484, 34.6334, 45.1403

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.5577, 39.7999, 65.0504 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(83, 182, 207)` looks like.

```
.text, #text, p{  
    color:rgb(83, 182, 207)  
}
```

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(83, 182, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 182, 207) }
```

Border

The CSS property to change the border of an element to XYZ 31.5577, 39.7999, 65.0504 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(83, 182, 207) }
```


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

```
.border{ border-color:rgb(83, 182, 207) }
```

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

Here you see how a box with a 4 pixel rgb(83, 182, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 182, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 182, 207);  
box-shadow:4px 4px 4px 4px rgb(83, 182,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 31.5577, 39.7999, 65.0504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 182, 207) }
```

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

```
.background{ background-color: rgb(83, 182,  
207) }
```

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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