

Converting Colors

XYZ(51.1942, 56.7471, 64.3068)

Have a look what the booklet for
XYZ(51.1942, 56.7471, 64.3068)
contains.

XYZ(51.3080, 56.9212, 64.1598)	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(51.3080, 56.9212,
64.1598)**

Conversions

Conversions Part 1

Format	Color
Hex	B6CBCA
RGB	182, 203, 202
RGB Percent	71%, 80%, 79%
CMY	0.2863, 0.2039, 0.2078
CMYK	0.10, 0.00, 0.00, 0.20
HSL	177°, 17%, 75%
HSV	177°, 10%, 80%
XYZ	51.3080, 56.9212, 64.1598
YIQ	196.6070, -12.1950, -4.7630

Conversions

Conversions Part 2

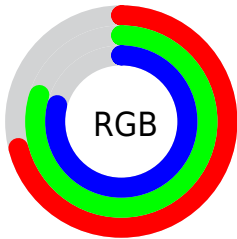
Format	Color
R _Y B	182, 193, 203
Decimal	11979722
CIE Lab	80.14, -7.26, -1.92
CIE LCh	80, 7.510, 194.837
Yxy	56.9212, 0.2976, 0.3302
Android (android.graphics.Color)	4290169802 (0xFFB6CBCA)
YUV	196.6070, 2.6587, -12.8103
Hunter-Lab	75.4461, -10.6398, 2.3918

Details

The XYZ color **51.3080, 56.9212, 64.1598** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.9058, 49.5728, 51.7405**, and the grayscale version is **52.8251, 55.5761, 60.5224**.

A 20% lighter version of the original color is **89.0699, 96.9171, 108.6201**, and **25.1460, 28.3001, 32.1541** is the 20% darker color. If you saturate the color by 10%, you get **46.7430, 54.5826, 63.3500**, and if you desaturate by 10%, it is **56.5720, 59.6231, 65.0085**.

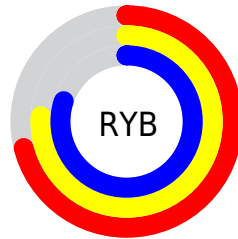
Distribution



Red (71%)

Green (80%)

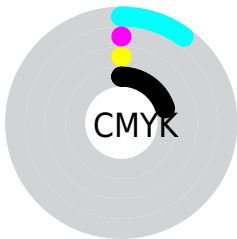
Blue (79%)



Red (71%)

Yellow (76%)

Blue (80%)

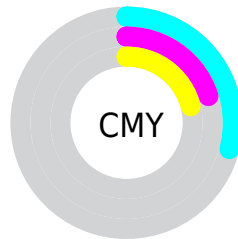


Cyan (10%)

Magenta (0%)

Yellow (0%)

Black (20%)



Cyan (29%)

Magenta (20%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.3080, 56.9212, 64.1598 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 51.3080, 56.9212, 64.1598 by changing the saturation by 10% instead.

■ 51.3080, 56.9212,
64.1598

■ 51.3080, 56.9212,
64.1598

382.1272,
413.1540, 457.9898

■ 36.6758, 40.9420,
46.3331

■ 91.2902, 100.3502,
112.4427

■ 25.1291, 28.2737,
32.1582

117.3709,
128.5688, 143.7360

■ 16.3025, 18.5321,
21.2165

147.9985,
161.6359, 180.3553

■ 9.8307, 11.3327,
13.0896

183.5383,
199.9360, 222.7190

■ 5.3482, 6.2911,
7.3588

224.3558,
243.8535, 271.2458

■ 2.4898, 3.0229,
3.6057

270.8161,

■ 0.8901, 1.1437,

293.7727, 326.3542

1.4116

323.2849,
350.0781, 388.4626

■ 0.0000, 0.0150,
0.1507

■ 0.0000, 0.0000,
0.0000

■ 51.3080, 56.9212,
64.1598

■ 51.3080, 56.9212,
64.1598

■ 46.7430, 54.5826,
63.3500

■ 56.5720, 59.6231,
65.0085

■ 42.8424, 52.5849,
62.5738

■ 62.5580, 62.6957,
65.8935

■ 39.5758, 50.9140,
61.8311

■ 69.2942, 66.1548,
66.8175

■ 36.9088, 49.5521,
61.1202

■ 73.7229, 68.4243,
67.6372

■ 34.8033, 48.4796,
60.4392

■ 73.8410, 68.4716,
68.2590

■ 33.2174, 47.6748,
59.7864

■ 73.9598, 68.5191,
68.8846

■ 32.1028, 47.1129,
59.1593

■ 74.0793, 68.5669,
69.5140

■ 31.4026, 46.7646,
58.5553

■ 74.1996, 68.6150,
70.1474

■ 31.0173, 46.5781,
57.9894

■ 74.3206, 68.6634,
70.7845

Harmonies

Analogous

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



51.3122, 56.9212, 59.8000



51.3080, 56.9212, 64.1598



52.0427, 56.9212, 68.1091

Triad

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



51.3080, 56.9212, 64.1598



56.2025, 56.9212, 68.1452



54.8749, 56.9212, 54.1970

Complementary

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



51.3080, 56.9212, 64.1598



49.9058, 49.5728, 51.7405

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.



56.2147, 56.9212, 56.2254



51.3080, 56.9212, 64.1598



56.9909, 56.9212, 64.2072

Square

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



51.3080, 56.9212, 64.1598



54.8586, 56.9212, 70.4827



56.9954, 56.9212, 59.8453



53.3522, 56.9212, 54.1856

Rectangle

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



51.3080, 56.9212, 64.1598



52.8608, 56.9212, 69.9192



56.9954, 56.9212, 59.8453



55.3623, 56.9212, 54.6612

Sweetspot

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



51.3096, 56.9236, 64.1611



92.2326, 98.5543, 108.4614



49.3414, 56.1651, 52.4973



19.5844, 21.0141, 23.1903



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.



51.3096, 56.9236, 64.1611



84.4402, 94.5575, 107.1801



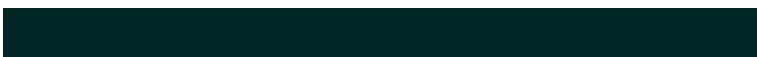
49.2643, 52.6423, 64.0671



11.5192, 12.7174, 14.2917



19.7482, 29.6446, 36.9544



1.0261, 1.5322, 1.9448

Inverse Universe

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



49.9058, 49.5728, 51.7405



81.7117, 80.2699, 83.0387



51.8032, 53.5341, 51.8597



11.2337, 11.2222, 11.7652



15.7169, 8.0973, 0.9619



0.8186, 0.4208, 0.0905

Previews

White Background



This preview shows how the XYZ color 51.3080, 56.9212, 64.1598 looks on a white background.

Color Contrast Check

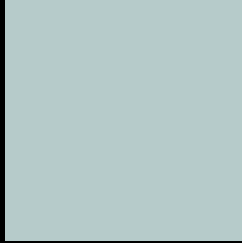
Large Text (above 18pt) WCAG AA × Fail

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 51.3080, 56.9212, 64.1598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

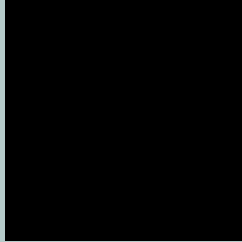
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

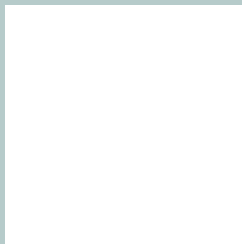
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.3080, 56.9212, 64.1598

Background



This preview shows how black text looks on a background with the XYZ color 51.3080, 56.9212, 64.1598.



This preview shows how white text looks on a background with the XYZ color 51.3080, 56.9212,

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

51.3080, 56.9212, 64.1598

Protanopia

54.6322, 56.6126, 62.0807

Deuteranopia

57.7731, 56.5060, 64.9885



Tritanopia

53.4186, 57.0973, 73.8511

Trichromacy



Original Color

51.3080, 56.9212, 64.1598

Protanomaly

53.3544, 56.6191, 62.7601

Deuteranomaly

55.1480, 56.4882, 64.4966

Tritanomaly

52.7714, 57.1849, 70.5438

Monochromacy



Original Color

51.3080, 56.9212, 64.1598

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.4705, 56.1768, 62.1106

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.3080, 56.9212, 64.1598 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(182, 203, 202)` looks like.

```
.text, #text, p{  
    color:rgb(182, 203, 202)  
}
```

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(182, 203, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 203, 202) }
```

Border

The CSS property to change the border of an element to XYZ 51.3080, 56.9212, 64.1598 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(182, 203, 202) }
```


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

```
.border{ border-color:rgb(182, 203, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 203, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 203, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 203, 202);  
box-shadow:4px 4px 4px 4px rgb(182, 203,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 51.3080, 56.9212, 64.1598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 203, 202) }
```

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

```
.background{ background-color: rgb(182,  
203, 202) }
```

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