

Converting Colors

XYZ(51.2210, 53.9515, 60.8398)

Have a look what the booklet for
XYZ(51.2210, 53.9515, 60.8398)
contains.

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Color

**XYZ(51.2231, 53.8673,
61.1238)**

Conversions

Conversions Part 1

Format	Color
Hex	C0C2C6
RGB	192, 194, 198
RGB Percent	75%, 76%, 78%
CMY	0.2471, 0.2392, 0.2235
CMYK	0.03, 0.02, 0.00, 0.22
HSL	220°, 5%, 76%
HSV	220°, 3%, 78%
XYZ	51.2231, 53.8673, 61.1238
YIQ	193.8580, -2.4760, 0.8200

Conversions

Conversions Part 2

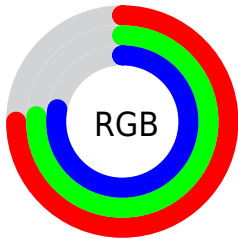
Format	Color
RYB	192, 194, 198
Decimal	12632774
CIELab	78.38, 0.06, -2.25
CIELCh	78, 2.255, 271.605
Yxy	53.8673, 0.3082, 0.3241
Android (android.graphics.Color)	4290822854 (0xFFC0C2C6)
YUV	193.8580, 2.0420, -1.6295
Hunter-Lab	73.3943, -3.8621, 1.9985

Details

The XYZ color **51.2231, 53.8673, 61.1238** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.5432, 55.2909, 57.7729**, and the grayscale version is **51.1849, 53.8505, 58.6432**.

A 20% lighter version of the original color is **90.9470, 95.5477, 108.2569**, and **25.0596, 26.2588, 30.1332** is the 20% darker color. If you saturate the color by 10%, you get **43.7370, 45.8434, 59.9704**, and if you desaturate by 10%, it is **59.6473, 62.7647, 62.3980**.

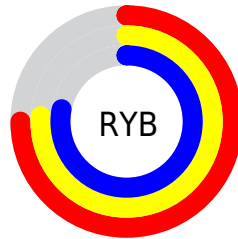
Distribution



Red (75%)

Green (76%)

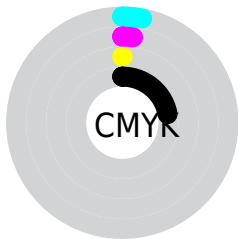
Blue (78%)



Red (75%)

Yellow (76%)

Blue (78%)

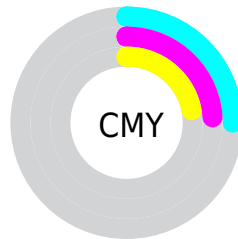


Cyan (3%)

Magenta (2%)

Yellow (0%)

Black (22%)



Cyan (25%)

Magenta (24%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.2231, 53.8673, 61.1238 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 51.2231, 53.8673, 61.1238 by changing the saturation by 10% instead.

■ 51.2231, 53.8673,
61.1238

■ 51.2231, 53.8673,
61.1238

381.8034,
401.6038, 446.6469

■ 36.6080, 38.4956,
43.8939

■ 91.1655, 95.8794,
108.0174

■ 25.0764, 26.3675,
30.2505

117.2235,
123.2885, 138.5183

■ 16.2630, 17.0988,
19.7751

147.8264,
155.4789, 174.2798

■ 9.8025, 10.3050,
12.0492

183.3397,
192.8350, 215.7205

■ 5.3294, 5.6016,
6.6543

224.1287,
235.7411, 263.2591

■ 2.4786, 2.6044,
3.1717

270.5587,

■ 0.8845, 0.9289,

284.5817, 317.3140

1.1830

322.9951,
339.7411, 378.3037

■ 0.0000, 0.0000,
0.0000

■ 51.2231, 53.8673,
61.1238

■ 51.2231, 53.8673,
61.1238

■ 43.7370, 45.8434,
59.9704

■ 59.6473, 62.7647,
62.3980

■ 37.1509, 38.6587,
58.9307

■ 69.0368, 72.5546,
63.7927

■ 31.4309, 32.2868,
58.0023

■ 79.4233, 83.2642,
65.3125

■ 26.5389, 26.6973,
57.1813

■ 84.6215, 91.7138,
66.6694

■ 22.4341, 21.8577,
56.4635

■ 87.1932, 96.8573,
67.5267

■ 19.0717, 17.7329,
55.8445

■ 16.4023, 14.2846,
55.3196

■ 14.3697, 11.4705,
54.8836

■ 12.9076, 9.2418,
54.5305

Harmonies

Analogous

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



50.7954, 53.8673, 60.8237



51.2231, 53.8673, 61.1238



51.6468, 53.8673, 60.7538

Triad

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



51.2231, 53.8673, 61.1238



51.9279, 53.8673, 57.3837



50.4539, 53.8673, 57.5003

Complementary

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



51.2231, 53.8673, 61.1238



52.5432, 55.2909, 57.7729

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.



50.7543, 53.8673, 56.5999



51.2231, 53.8673, 61.1238



51.6052, 53.8673, 56.5333

Square

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



51.2231, 53.8673, 61.1238



52.0551, 53.8673, 58.5841



51.1754, 53.8673, 56.2484



50.3528, 53.8673, 58.7206

Rectangle

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



51.2231, 53.8673, 61.1238



51.8695, 53.8673, 60.1799



51.1754, 53.8673, 56.2484



50.5348, 53.8673, 57.1508

Sweetspot

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



51.2246, 53.8696, 61.1250



93.5786, 98.4406, 108.6766



51.8856, 55.5765, 60.1584



20.0452, 21.0868, 23.2636



0.0000, 0.0000, 0.0000



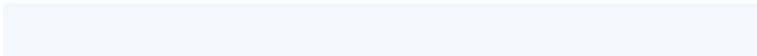
20.3446, 21.4041, 23.3091

Same Dimension

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



51.2246, 53.8696, 61.1250



89.2670, 93.8577, 108.0192



51.0104, 53.1017, 60.9881



11.1344, 11.7054, 13.5900



7.9707, 5.3354, 35.3541



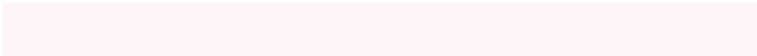
0.4444, 0.3865, 1.6963

Inverse Universe

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



51.8772, 53.6011, 58.6535



90.8071, 93.2339, 102.1840



52.7615, 56.0787, 57.9135



11.3579, 11.6157, 12.7430



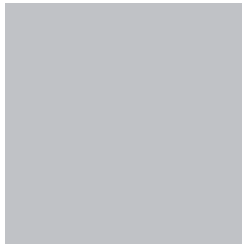
15.8226, 8.0786, 4.2757



0.7830, 0.3960, 0.3804

Previews

White Background



This preview shows how the XYZ color 51.2231, 53.8673, 61.1238 looks on a white background.

Color Contrast Check

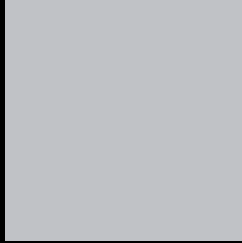
Large Text (above 18pt) WCAG AA × Fail

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 51.2231, 53.8673, 61.1238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

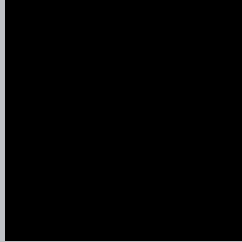
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

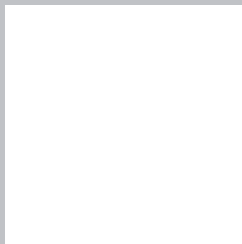
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.2231, 53.8673, 61.1238

Background



This preview shows how black text looks on a background with the XYZ color 51.2231, 53.8673, 61.1238.

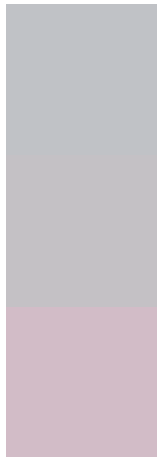


This preview shows how white text looks on a background with the XYZ color 51.2231, 53.8673,

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

51.2231, 53.8673, 61.1238

Protanopia

51.9130, 53.9069, 60.4923

Deuteranopia

54.8704, 53.7916, 61.5237



Tritanopia

52.4829, 53.7227, 67.2779

Trichromacy



Original Color

51.2231, 53.8673, 61.1238

Protanomaly

51.6537, 53.7732, 60.4802

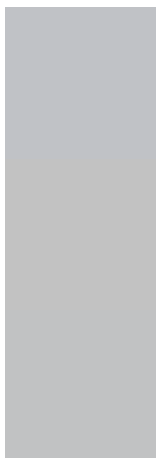
Deuteranomaly

53.3509, 53.6469, 61.5758

Tritanomaly

51.9614, 53.8370, 64.7797

Monochromacy



Original Color

51.2231, 53.8673, 61.1238

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.1344, 53.8612, 59.3309

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.2231, 53.8673, 61.1238 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(192, 194, 198) looks like.

```
.text, #text, p{  
    color:rgb(192, 194, 198)  
}
```

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(192, 194, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 194, 198) }
```

Border

The CSS property to change the border of an element to XYZ 51.2231, 53.8673, 61.1238 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(192, 194, 198) }
```


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

```
.border{ border-color:rgb(192, 194, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 194, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 194, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 194, 198);  
box-shadow:4px 4px 4px 4px rgb(192, 194,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 51.2231, 53.8673, 61.1238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 194, 198) }
```

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

```
.background{ background-color: rgb(192,  
194, 198) }
```

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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