

Converting Colors

XYZ(50.7048, 53.1331, 67.2578)

Have a look what the booklet for
XYZ(50.7048, 53.1331, 67.2578)
contains.

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Color

**XYZ(50.7048, 53.1331,
67.2578)**

Conversions

Conversions Part 1

Format	Color
Hex	BAC1D0
RGB	186, 193, 208
RGB Percent	73%, 76%, 82%
CMY	0.2706, 0.2431, 0.1843
CMYK	0.11, 0.07, 0.00, 0.18
HSL	221°, 19%, 77%
HSV	221°, 11%, 82%
XYZ	50.7048, 53.1331, 67.2578
YIQ	192.6170, -8.9870, 3.1810

Conversions

Conversions Part 2

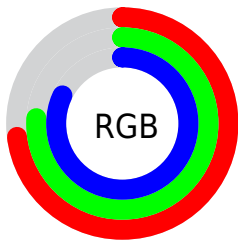
Format	Color
R _Y B	186, 191, 208
Decimal	12239312
CIE Lab	77.95, 0.54, -8.34
CIE LCh	78, 8.359, 273.724
Yxy	53.1331, 0.2964, 0.3105
Android (android.graphics.Color)	4290429392 (0xFFBAC1D0)
YUV	192.6170, 7.5838, -5.8031
Hunter-Lab	72.8925, -3.3952, -3.6821

Details

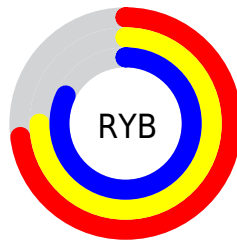
The XYZ color **50.7048, 53.1331, 67.2578** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.7622, 58.7279, 54.8519**, and the grayscale version is **50.4258, 53.0519, 57.7735**.

A 20% lighter version of the original color is **88.5436, 93.8486, 108.0556**, and **24.8837, 26.0758, 34.2935** is the 20% darker color. If you saturate the color by 10%, you get **43.0294, 44.7453, 66.0442**, and if you desaturate by 10%, it is **59.4194, 62.5056, 68.6084**.

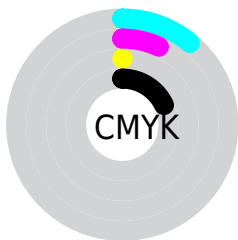
Distribution



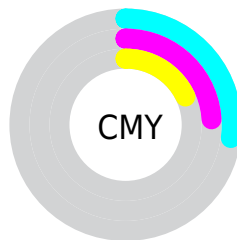
- Red (73%)
- Green (76%)
- Blue (82%)



- Red (73%)
- Yellow (75%)
- Blue (82%)



- Cyan (11%)
- Magenta (7%)
- Yellow (0%)
- Black (18%)



- Cyan (27%)
- Magenta (24%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.7048, 53.1331, 67.2578 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 50.7048, 53.1331, 67.2578 by changing the saturation by 10% instead.

■ 50.7048, 53.1331,
67.2578

■ 50.7048, 53.1331,
67.2578

379.8224,
398.7956, 469.3883

■ 36.1938, 37.9090,
48.8313

■ 90.4039, 94.8002,
116.9339

■ 24.7547, 25.9121,
34.1210

116.3226,
122.0120, 149.0205

■ 16.0222, 16.7579,
22.7084

146.7747,
153.9885, 186.4976

■ 9.6308, 10.0620,
14.1751

182.1255,
191.1142, 229.7836

■ 5.2152, 5.4401,
8.1024

222.7403,
233.7733, 279.2971

■ 2.4101, 2.5077,
4.0718

268.9845,

■ 0.8502, 0.8805,

282.3503, 335.4568

1.6648

321.2234,
337.2296, 398.6810

■ 0.0000, 0.0000,
0.3365

■ 0.0000, 0.0000,
0.0000

■ 50.7048, 53.1331,
67.2578

■ 50.7048, 53.1331,
67.2578

■ 43.0294, 44.7453,
66.0442

■ 59.4194, 62.5056,
68.6084

■ 36.3486, 37.3024,
64.9597

■ 69.2064, 72.8877,
70.0965

■ 30.6210, 30.7716,
64.0010

■ 80.1031, 84.3116,
71.7272

■ 25.8008, 25.1155,
63.1633

■ 86.7243, 94.0121,
73.2506

■ 21.8380, 20.2938,
62.4415

■ 88.3853, 97.3341,
73.8043

■ 18.6773, 16.2629,
61.8300

■ 16.2566, 12.9744,
61.3228

■ 14.5031, 10.3734,
60.9132

■ 13.3458, 8.4751,
60.6078

Harmonies

Analogous

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



49.1297, 53.1331, 66.2606



50.7048, 53.1331, 67.2578



52.2575, 53.1331, 65.6258

Triad

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



50.7048, 53.1331, 67.2578



53.1472, 53.1331, 53.0218



47.7490, 53.1331, 53.9781

Complementary

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



50.7048, 53.1331, 67.2578



55.7622, 58.7279, 54.8519

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.



48.7851, 53.1331, 50.7194



50.7048, 53.1331, 67.2578



51.8984, 53.1331, 50.1884

Square

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



50.7048, 53.1331, 67.2578



53.6866, 53.1331, 57.2732



50.2986, 53.1331, 49.3684



47.4448, 53.1331, 58.4366

Rectangle

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



50.7048, 53.1331, 67.2578



53.0646, 53.1331, 63.3152



50.2986, 53.1331, 49.3684



48.0222, 53.1331, 52.7142

Sweetspot

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



50.7064, 53.1353, 67.2590



90.6502, 95.2956, 108.2239



53.3099, 59.7531, 63.7776



19.1568, 20.1334, 23.1264



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.



50.7064, 53.1353, 67.2590



77.0982, 80.6658, 106.1143



50.0970, 50.5771, 66.7973



11.4665, 12.0232, 14.9600



8.3952, 5.4371, 37.7995



0.5405, 0.4462, 2.1372

Inverse Universe

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



53.1982, 52.3790, 57.7610



81.9441, 79.2720, 87.6259



56.4130, 61.5423, 55.3608



11.9616, 11.8694, 13.0735



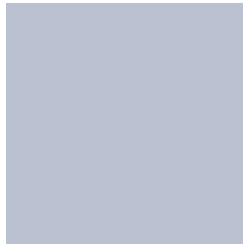
16.8683, 8.6201, 4.2124



0.9791, 0.4963, 0.4245

Previews

White Background



This preview shows how the XYZ color 50.7048, 53.1331, 67.2578 looks on a white background.

Color Contrast Check

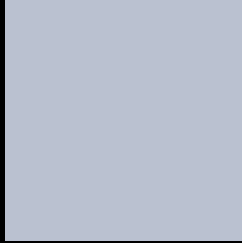
Large Text (above 18pt) WCAG AA × Fail

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 50.7048, 53.1331, 67.2578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

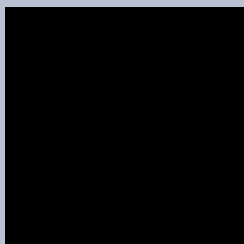
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

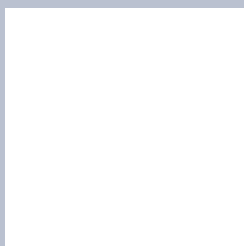
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.7048, 53.1331, 67.2578

Background



This preview shows how black text looks on a background with the XYZ color 50.7048, 53.1331, 67.2578.

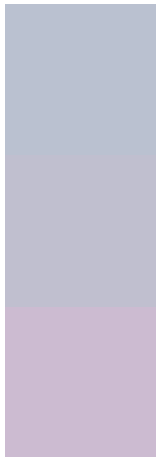


This preview shows how white text looks on a background with the XYZ color 50.7048, 53.1331,

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

50.7048, 53.1331, 67.2578

Protanopia

51.6315, 52.9731, 66.5350

Deuteranopia

54.1808, 52.9815, 67.6924



Tritanopia

50.7048, 53.1331, 67.2578

Trichromacy



Original Color

50.7048, 53.1331, 67.2578

Protanomaly

51.3473, 53.1514, 66.5844

Deuteranomaly

52.7322, 52.8690, 67.7470

Tritanomaly

50.7048, 53.1331, 67.2578

Monochromacy



Original Color

50.7048, 53.1331, 67.2578

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.4982, 53.1643, 61.0263

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.7048, 53.1331, 67.2578 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(186, 193, 208)` looks like.

```
.text, #text, p{  
    color:rgb(186, 193, 208)  
}
```

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(186, 193, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 193, 208) }
```

Border

The CSS property to change the border of an element to XYZ 50.7048, 53.1331, 67.2578 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(186, 193, 208) }
```


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

```
.border{ border-color:rgb(186, 193, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 193, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 193, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 193, 208);  
box-shadow:4px 4px 4px 4px rgb(186, 193,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 50.7048, 53.1331, 67.2578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 193, 208) }
```

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

```
.background{ background-color: rgb(186,  
193, 208) }
```

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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