

Converting Colors

XYZ(53.7082, 60.2475, 67.1907)

Have a look what the booklet for
XYZ(53.7082, 60.2475, 67.1907)
contains.

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Color

**XYZ(53.7082, 60.2475,
67.1907)**

Conversions

Conversions Part 1

Format	Color
Hex	B8D1CE
RGB	184, 209, 206
RGB Percent	72%, 82%, 81%
CMY	0.2784, 0.1804, 0.1922
CMYK	0.12, 0.00, 0.01, 0.18
HSL	173°, 21%, 77%
HSV	173°, 12%, 82%
XYZ	53.7082, 60.2475, 67.1907
YIQ	201.1830, -13.9370, -6.2330

Conversions

Conversions Part 2

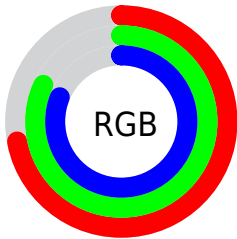
Format	Color
RYB	184, 197, 209
Decimal	12112334
CIELab	81.97, -8.93, -1.36
CIELCh	82, 9.029, 188.631
Yxy	60.2475, 0.2965, 0.3326
Android (android.graphics.Color)	4290302414 (0xFFB8D1CE)
YUV	201.1830, 2.3748, -15.0695
Hunter-Lab	77.6193, -12.3217, 3.0094

Details

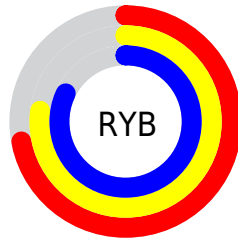
The XYZ color **53.7082, 60.2475, 67.1907** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.4068, 51.4258, 54.1805**, and the grayscale version is **55.6241, 58.5209, 63.7293**.

A 20% lighter version of the original color is **89.7452, 97.2653, 108.6517**, and **26.7489, 30.5350, 34.1898** is the 20% darker color. If you saturate the color by 10%, you get **48.7647, 57.7356, 65.3811**, and if you desaturate by 10%, it is **59.3997, 63.1477, 69.0632**.

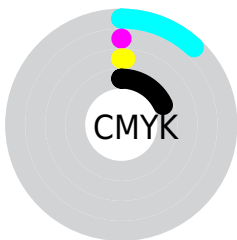
Distribution



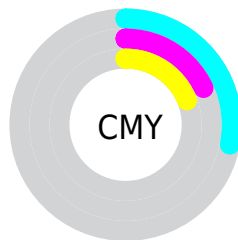
- Red (72%)
- Green (82%)
- Blue (81%)



- Red (72%)
- Yellow (77%)
- Blue (82%)



- Cyan (12%)
- Magenta (0%)
- Yellow (1%)
- Black (18%)



- Cyan (28%)
- Magenta (18%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.7082, 60.2475, 67.1907 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 53.7082, 60.2475, 67.1907 by changing the saturation by 10% instead.

■ 53.7082, 60.2475,
67.1907

■ 53.7082, 60.2475,
67.1907

391.2128,
425.5094, 469.1432

■ 38.5982, 43.6182,
48.7770

■ 94.8051, 105.1886,
116.8369

■ 26.6266, 30.3704,
34.0783

121.5226,
134.2692, 148.9065

■ 17.4281, 20.1199,
22.6759

152.8400,
168.2689, 186.3651

■ 10.6374, 12.4822,
14.1513

189.1227,
207.5723, 229.6314

■ 5.8890, 7.0730,
8.0860

230.7360,
252.5636, 279.1238

■ 2.8177, 3.5078,
4.0615

278.0452,

■ 1.0581, 1.4022,

303.6273, 335.2609

1.6591

331.4157,
361.1478, 398.4612

■ 0.0000, 0.2184,
0.3325

■ 0.0000, 0.0000,
0.0000

■ 53.7082, 60.2475,
67.1907

■ 53.7082, 60.2475,
67.1907

■ 48.7647, 57.7356,
65.3811

■ 59.3997, 63.1477,
69.0632

■ 44.5318, 55.5879,
63.6289

■ 65.8644, 66.4443,
70.9962

■ 40.9763, 53.7888,
61.9336

■ 73.1327, 70.1546,
72.9924

■ 38.0607, 52.3190,
60.2932

■ 76.4418, 71.8232,
74.8292

■ 35.7436, 51.1573,
58.7059

■ 76.7690, 71.9541,
76.5523

■ 33.9788, 50.2797,
57.1692

■ 77.1012, 72.0870,
78.3016

■ 32.7133, 49.6589,
55.6807

■ 77.4384, 72.2219,
80.0772

■ 31.8834, 49.2622,
54.2371

■ 77.7806, 72.3588,
81.8794

■ 31.4429, 49.0597,
53.1052

■ 78.1279, 72.4977,
83.7081

Harmonies

Analogous

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



53.9105, 60.2475, 61.8405



53.7082, 60.2475, 67.1907



54.4418, 60.2475, 72.3882

Triad

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



53.7082, 60.2475, 67.1907



59.5873, 60.2475, 74.1647



58.6122, 60.2475, 56.2826

Complementary

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



53.7082, 60.2475, 67.1907



52.4068, 51.4258, 54.1805

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.



60.1810, 60.2475, 59.2487



53.7082, 60.2475, 67.1907



60.7526, 60.2475, 69.5073

Square

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



53.7082, 60.2475, 67.1907



57.8165, 60.2475, 76.5588



60.9722, 60.2475, 64.0332



56.7140, 60.2475, 55.7390

Rectangle

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



53.7082, 60.2475, 67.1907



55.3727, 60.2475, 74.9973



60.9722, 60.2475, 64.0332



59.1968, 60.2475, 57.0211

Sweetspot

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



53.7099, 60.2500, 67.1920



91.1998, 98.0379, 107.6935



52.0292, 59.6711, 54.1238



19.3703, 20.9076, 23.0026



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.



53.7099, 60.2500, 67.1920



82.4310, 93.5735, 104.7459



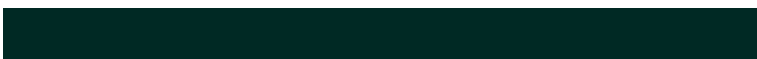
51.8933, 56.0273, 68.4038



12.0947, 13.3816, 14.8550



19.4101, 30.2570, 32.8696



1.1029, 1.6988, 1.9308

Inverse Universe

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



52.4068, 51.4258, 54.1805



80.0486, 77.4392, 80.9566



54.0551, 55.2316, 53.1601



11.8657, 11.8310, 12.5685



16.3406, 8.4091, 1.4338



0.9333, 0.4781, 0.1838

Previews

White Background



This preview shows how the XYZ color 53.7082, 60.2475, 67.1907 looks on a white background.

Color Contrast Check

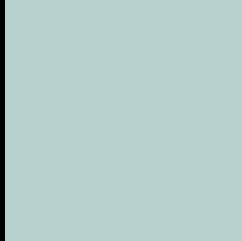
Large Text (above 18pt) WCAG AA × Fail

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 53.7082, 60.2475, 67.1907 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

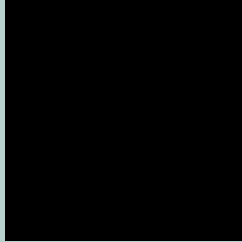
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

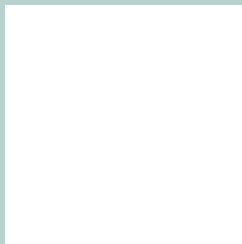
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.7082, 60.2475, 67.1907

Background



This preview shows how black text looks on a background with the XYZ color 53.7082, 60.2475, 67.1907.

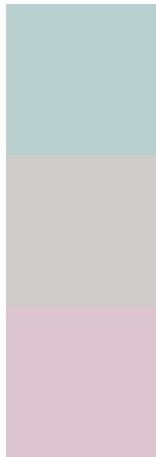


This preview shows how white text looks on a background with the XYZ color 53.7082, 60.2475,

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

53.7082, 60.2475, 67.1907

Protanopia

57.7487, 60.2415, 64.4612

Deuteranopia

61.1702, 59.8587, 68.0044



Tritanopia

55.8841, 60.0351, 78.4546

Trichromacy



Original Color

53.7082, 60.2475, 67.1907

Protanomaly

56.1640, 60.1166, 65.1434

Deuteranomaly

58.1616, 59.6882, 67.4870

Tritanomaly

55.0869, 60.0745, 74.3378

Monochromacy



Original Color

53.7082, 60.2475, 67.1907

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

54.8780, 59.0996, 65.0149

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7082, 60.2475, 67.1907 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(184, 209, 206)` looks like.

```
.text, #text, p{  
    color:rgb(184, 209, 206)  
}
```

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(184, 209, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 209, 206) }
```

Border

The CSS property to change the border of an element to XYZ 53.7082, 60.2475, 67.1907 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(184, 209, 206) }
```


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

```
.border{ border-color:rgb(184, 209, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 209, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 209, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 209, 206);  
box-shadow:4px 4px 4px 4px rgb(184, 209,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7082, 60.2475, 67.1907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 209, 206) }
```

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

```
.background{ background-color: rgb(184,  
209, 206) }
```

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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