

Converting Colors

XYZ(54.3357, 60.1062, 71.7030)

Have a look what the booklet for
XYZ(54.3357, 60.1062, 71.7030)
contains.

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Color

**XYZ(54.3333, 60.1062,
71.6888)**

Conversions

Conversions Part 1

Format	Color
Hex	B8D0D5
RGB	184, 208, 213
RGB Percent	72%, 82%, 84%
CMY	0.2784, 0.1843, 0.1647
CMYK	0.14, 0.02, 0.00, 0.16
HSL	190°, 26%, 78%
HSV	190°, 14%, 84%
XYZ	54.3333, 60.1062, 71.6888
YIQ	201.3940, -15.9090, -3.5330

Conversions

Conversions Part 2

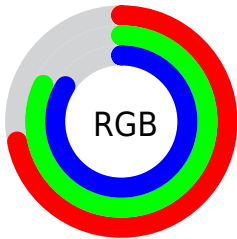
Format	Color
RYB	184, 197, 213
Decimal	12112085
CIELab	81.90, -7.00, -5.21
CIElCh	82, 8.722, 216.638
Yxy	60.1062, 0.2919, 0.3229
Android (android.graphics.Color)	4290302165 (0xFFB8D0D5)
YUV	201.3940, 5.7218, -15.2545
Hunter-Lab	77.5282, -10.5780, -0.5546

Details

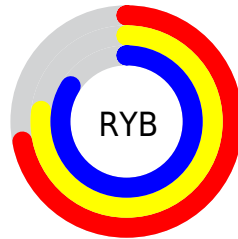
The XYZ color **54.3333, 60.1062, 71.6888** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.2903, 54.0019, 52.9105**, and the grayscale version is **55.7359, 58.6385, 63.8573**.

A 20% lighter version of the original color is **89.7452, 97.2653, 108.6517**, and **27.0872, 30.4051, 36.7889** is the 20% darker color. If you saturate the color by 10%, you get **48.7261, 55.9040, 71.1742**, and if you desaturate by 10%, it is **60.7330, 64.7509, 72.2490**.

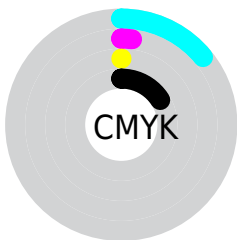
Distribution



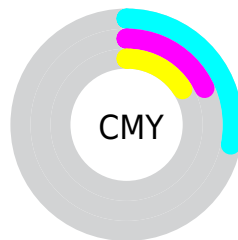
- Red (72%)
- Green (82%)
- Blue (84%)



- Red (72%)
- Yellow (77%)
- Blue (84%)



- Cyan (14%)
- Magenta (2%)
- Yellow (0%)
- Black (16%)



- Cyan (28%)
- Magenta (18%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.3333, 60.1062, 71.6888 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 54.3333, 60.1062, 71.6888 by changing the saturation by 10% instead.

■ 54.3333, 60.1062,
71.6888

■ 54.3333, 60.1062,
71.6888

393.5574,
424.9891, 485.4061

■ 39.0999, 43.5042,
52.4192

■ 95.7175, 104.9837,
123.3176

■ 27.0185, 30.2809,
36.9548

122.5990,
134.0280, 156.5139

■ 17.7238, 20.0519,
24.8770

154.0939,
167.9886, 195.1895

■ 10.8504, 12.4328,
15.7672

190.5676,
207.2499, 239.7629

■ 6.0329, 7.0392,
9.2070

232.3855,
252.1961, 290.6528

■ 2.9059, 3.4866,
4.7778

279.9128,

■ 1.1042, 1.3907,

303.2118, 348.2776

2.0610

333.5150,
360.6814, 413.0558

■ 0.0286, 0.2099,
0.5924

■ 0.0000, 0.0000,
0.0000

■ 54.3333, 60.1062,
71.6888

■ 54.3333, 60.1062,
71.6888

■ 48.7261, 55.9040,
71.1742

■ 60.7330, 64.7509,
72.2490

■ 43.8717, 52.1189,
70.6994

■ 67.9521, 69.8473,
72.8522

■ 39.7350, 48.7341,
70.2641

■ 76.0228, 75.4139,
73.5013

■ 36.2759, 45.7287,
69.8663

■ 79.5542, 78.6717,
73.9440

■ 33.4500, 43.0796,
69.5040

■ 80.5437, 80.6507,
74.2738

■ 31.2078, 40.7612,
69.1746

■ 81.5546, 82.6724,
74.6108

■ 29.4922, 38.7437,
68.8757

■ 82.5869, 84.7372,
74.9549

■ 28.2338, 36.9913,
68.6037

■ 83.6410, 86.8452,
75.3062

■ 27.5943, 35.9720,
68.4407

■ 84.7167, 88.9968,
75.6648

Harmonies

Analogous

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



53.6820, 60.1062, 66.6253



54.3333, 60.1062, 71.6888



55.7358, 60.1062, 75.2085

Triad

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



54.3333, 60.1062, 71.6888



60.4435, 60.1062, 69.5517



56.7206, 60.1062, 55.8759

Complementary

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



54.3333, 60.1062, 71.6888



54.2903, 54.0019, 52.9105

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.



58.5455, 60.1062, 56.5661



54.3333, 60.1062, 71.6888



60.7208, 60.1062, 64.2796

Square

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



54.3333, 60.1062, 71.6888



59.2695, 60.1062, 73.9291



60.0193, 60.1062, 59.5755



55.0410, 60.1062, 57.6370

Rectangle

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



54.3333, 60.1062, 71.6888



56.9216, 60.1062, 76.1055



60.0193, 60.1062, 59.5755



57.3371, 60.1062, 55.8304

Sweetspot

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



54.3350, 60.1087, 71.6901



90.8383, 97.0002, 108.5430



52.7297, 61.4468, 57.1317



19.2784, 20.6440, 23.2186



0.0000, 0.0000, 0.0000



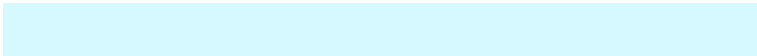
20.3446, 21.4041, 23.3091

Same Dimension

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



54.3350, 60.1087, 71.6901



79.3980, 88.6624, 107.5366



50.9962, 53.4310, 70.5772



12.6017, 13.7267, 15.9229



16.9219, 22.1055, 41.8281



1.0698, 1.4315, 2.5392

Inverse Universe

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



55.9676, 52.9825, 66.9542



82.2758, 76.2299, 99.1596



57.5281, 60.4774, 53.9898



12.8569, 12.5943, 15.1866



21.6002, 10.5764, 26.2626



1.3276, 0.6478, 1.7146

Previews

White Background



This preview shows how the XYZ color 54.3333, 60.1062, 71.6888 looks on a white background.

Color Contrast Check

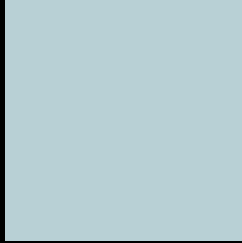
Large Text (above 18pt) WCAG AA × Fail

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 54.3333, 60.1062, 71.6888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

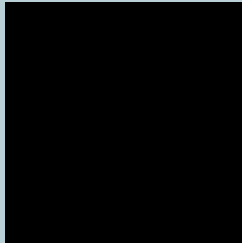
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

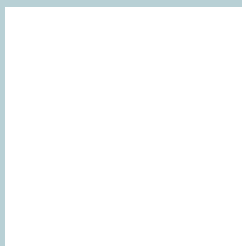
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.3333, 60.1062, 71.6888

Background



This preview shows how black text looks on a background with the XYZ color 54.3333, 60.1062, 71.6888.



This preview shows how white text looks on a background with the XYZ color 54.3333, 60.1062,

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

54.3333, 60.1062, 71.6888

Protanopia

57.9302, 59.8733, 69.4762

Deuteranopia

61.1454, 59.7442, 72.5991



Tritanopia

55.6403, 59.9094, 78.4432

Trichromacy



Original Color

54.3333, 60.1062, 71.6888

Protanomaly

56.3767, 59.7592, 70.1913

Deuteranomaly

58.4778, 59.7501, 72.0691

Tritanomaly

55.1066, 60.0544, 75.7051

Monochromacy



Original Color

54.3333, 60.1062, 71.6888

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.1180, 59.1956, 66.2785

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3333, 60.1062, 71.6888 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, 208, 213)` looks like.

```
.text, #text, p{  
    color:rgb(184, 208, 213)  
}
```

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, 208, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 208, 213) }
```

Border

The CSS property to change the border of an element to XYZ 54.3333, 60.1062, 71.6888 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, 208, 213) }
```


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

```
.border{ border-color:rgb(184, 208, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 208, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 208, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 208, 213);  
box-shadow:4px 4px 4px 4px rgb(184, 208,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3333, 60.1062, 71.6888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 208, 213) }
```

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

```
.background{ background-color: rgb(184,  
208, 213) }
```

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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