

Converting Colors

XYZ(54.7688, 62.1629, 71.7719)

Have a look what the booklet for
XYZ(54.7688, 62.1629, 71.7719)
contains.

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Color

**XYZ(54.8605, 62.2164,
72.0683)**

Conversions

Conversions Part 1

Format	Color
Hex	B5D5D5
RGB	181, 213, 213
RGB Percent	71%, 84%, 84%
CMY	0.2902, 0.1647, 0.1647
CMYK	0.15, 0.00, 0.00, 0.16
HSL	180°, 28%, 77%
HSV	180°, 15%, 84%
XYZ	54.8605, 62.2164, 72.0683
YIQ	203.4320, -19.0720, -6.7840

Conversions

Conversions Part 2

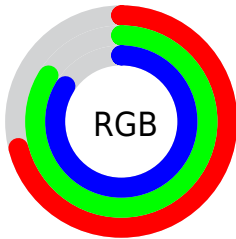
Format	Color
RYB	181, 197, 213
Decimal	11916757
CIELab	83.03, -10.54, -3.56
CIELCh	83, 11.127, 198.654
Yxy	62.2164, 0.2900, 0.3289
Android (android.graphics.Color)	4290106837 (0xFFB5D5D5)
YUV	203.4320, 4.7170, -19.6729
Hunter-Lab	78.8774, -13.8857, 1.0424

Details

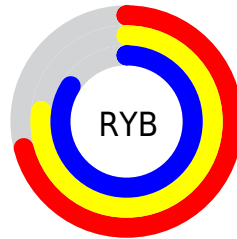
The XYZ color **54.8605, 62.2164, 72.0683** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **52.3071, 50.5316, 50.7154**, and the grayscale version is **57.0176, 59.9869, 65.3258**.

A 20% lighter version of the original color is **88.7351, 96.7445, 108.6045**, and **27.3005, 31.5115, 36.9912** is the 20% darker color. If you saturate the color by 10%, you get **50.2431, 59.8377, 71.8521**, and if you desaturate by 10%, it is **60.2451, 64.9939, 72.3230**.

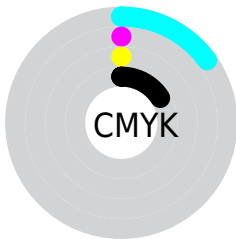
Distribution



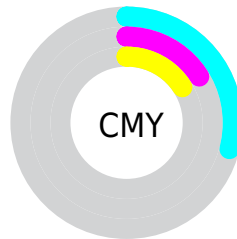
- Red (71%)
- Green (84%)
- Blue (84%)



- Red (71%)
- Yellow (77%)
- Blue (84%)



- Cyan (15%)
- Magenta (0%)
- Yellow (0%)
- Black (16%)



- Cyan (29%)
- Magenta (16%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.8605, 62.2164, 72.0683 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 54.8605, 62.2164, 72.0683 by changing the saturation by 10% instead.

■ 54.8605, 62.2164,
72.0683

■ 54.8605, 62.2164,
72.0683

395.5279,
432.7200, 486.7632

■ 39.5234, 45.2076,
52.7273

■ 96.4861, 108.0382,
123.8623

■ 27.3497, 31.6210,
37.1989

123.5053,
137.6200, 157.1523

■ 17.9740, 21.0721,
25.0645

155.1492,
172.1616, 195.9291

■ 11.0309, 13.1768,
15.9057

191.7833,
212.0474, 240.6111

■ 6.1551, 7.5504,
9.3038

233.7729,
257.6617, 291.6171

■ 2.9812, 3.8086,
4.8404

281.4833,

■ 1.1438, 1.5671,

309.3890, 349.3653

2.0968

335.2798,
367.6136, 414.2746

■ 0.0613, 0.3353,
0.6139

■ 0.0000, 0.0000,
0.0000

■ 54.8605, 62.2164,
72.0683

■ 54.8605, 62.2164,
72.0683

■ 50.2431, 59.8377,
71.8521

■ 60.2451, 64.9939,
72.3230

■ 46.3530, 57.8323,
71.6687


■ 66.4238, 68.1791,
72.6136


■ 43.1546, 56.1836,
71.5176


■ 73.4290, 71.7904,
72.9428


■ 40.6076, 54.8705,
71.3970


■ 77.0469, 73.6555,
73.1135


 38.6671, 53.8702,
71.3047


 77.0472, 73.6556,
73.1150


 37.2829, 53.1567,
71.2386


 77.0475, 73.6557,
73.1164


 36.3965, 52.6997,
71.1957

 77.0477, 73.6558,
73.1178

 35.9365, 52.4626,
71.1727

 77.0480, 73.6559,
73.1192

 35.8036, 52.3941,
71.1658

 77.0483, 73.6560,
73.1206

Harmonies

Analogous

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



54.7155, 62.2164, 65.1707



54.8605, 62.2164, 72.0683



56.1321, 62.2164, 78.1806

Triad

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



54.8605, 62.2164, 72.0683



62.6751, 62.2164, 76.8745



60.0493, 62.2164, 55.5695

Complementary

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



54.8605, 62.2164, 72.0683



52.3071, 50.5316, 50.7154

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.



62.2428, 62.2164, 58.2785



54.8605, 62.2164, 72.0683



63.7859, 62.2164, 70.3823

Square

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



54.8605, 62.2164, 72.0683



60.6264, 62.2164, 81.0826



63.6256, 62.2164, 63.5945



57.6679, 62.2164, 55.9533

Rectangle

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



54.8605, 62.2164, 72.0683



57.4674, 62.2164, 80.8429



63.6256, 62.2164, 63.5945



60.8342, 62.2164, 56.1408

Sweetspot

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



54.8623, 62.2190, 72.0697



90.5136, 97.6614, 108.6866



51.3178, 60.8157, 52.7508



19.2424, 20.8359, 23.2572



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.



54.8623, 62.2190, 72.0697



80.1321, 92.3096, 108.1980



51.1556, 54.8049, 70.8361



12.7922, 14.1079, 15.9861



21.8694, 32.0031, 43.4692



1.3191, 1.9303, 2.6220

Inverse Universe

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



52.3071, 50.5316, 50.7154



75.5866, 71.5186, 70.2101



55.6286, 57.1752, 51.8209



12.4234, 12.4208, 12.9036



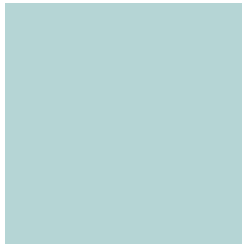
16.7620, 8.6411, 0.7849



1.0110, 0.5212, 0.0474

Previews

White Background



This preview shows how the XYZ color 54.8605, 62.2164, 72.0683 looks on a white background.

Color Contrast Check

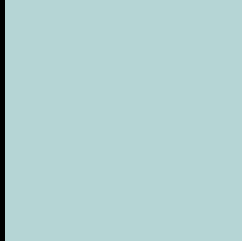
Large Text (above 18pt) WCAG AA × Fail

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 54.8605, 62.2164, 72.0683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

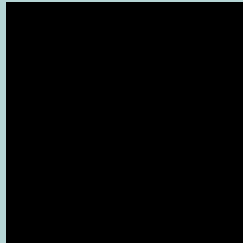
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

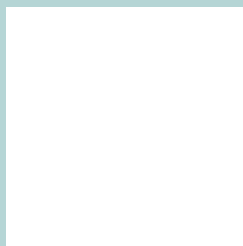
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.8605, 62.2164, 72.0683

Background



This preview shows how black text looks on a background with the XYZ color 54.8605, 62.2164, 72.0683.

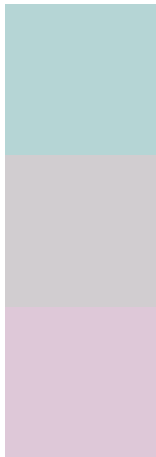


This preview shows how white text looks on a background with the XYZ color 54.8605, 62.2164,

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

54.8605, 62.2164, 72.0683

Protanopia

59.5110, 61.7720, 68.4611

Deuteranopia

63.1731, 61.7960, 73.5640



Tritanopia

57.0650, 62.3803, 82.4317

Trichromacy



Original Color

54.8605, 62.2164, 72.0683

Protanomaly

57.7419, 61.9070, 69.8787

Deuteranomaly

59.8292, 61.8343, 73.0719

Tritanomaly

56.3912, 62.4820, 78.9001

Monochromacy



Original Color

54.8605, 62.2164, 72.0683

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.0810, 60.7327, 67.7983

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.8605, 62.2164, 72.0683 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(181, 213, 213)` looks like.

```
.text, #text, p{  
    color:rgb(181, 213, 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(181, 213, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 213, 213) }
```

Border

The CSS property to change the border of an element to XYZ 54.8605, 62.2164, 72.0683 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(181, 213, 213) }
```


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

```
.border{ border-color:rgb(181, 213, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 213, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 213, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 213, 213);  
box-shadow:4px 4px 4px 4px rgb(181, 213,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 54.8605, 62.2164, 72.0683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 213, 213) }
```

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

```
.background{ background-color: rgb(181,  
213, 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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