

Converting Colors

XYZ(56.0684, 65.2323, 60.7679)

Have a look what the booklet for
XYZ(56.0684, 65.2323, 60.7679)
contains.

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Color

**XYZ(56.0554, 65.3769,
60.7035)**

Conversions

Conversions Part 1

Format	Color
Hex	BDDBC2
RGB	189, 219, 194
RGB Percent	74%, 86%, 76%
CMY	0.2588, 0.1412, 0.2392
CMYK	0.14, 0.00, 0.11, 0.14
HSL	130°, 29%, 80%
HSV	130°, 14%, 86%
XYZ	56.0554, 65.3769, 60.7035
YIQ	207.1800, -9.8550, -14.1350

Conversions

Conversions Part 2

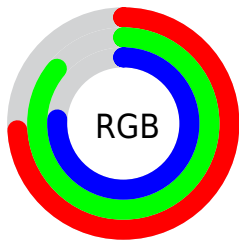
Format	Color
RYB	189, 215, 219
Decimal	12442562
CIELab	84.68, -14.65, 8.98
CIELCh	85, 17.181, 148.507
Yxy	65.3769, 0.3078, 0.3589
Android (android.graphics.Color)	4290632642 (0xFFBDDBC2)
YUV	207.1800, -6.4977, -15.9439
Hunter-Lab	80.8560, -17.7485, 12.0866

Details

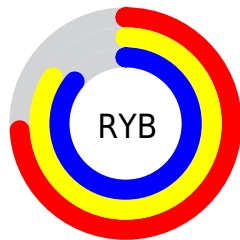
The XYZ color **56.0554, 65.3769, 60.7035** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **59.5510, 56.3119, 71.3520**, and the grayscale version is **59.4708, 62.5679, 68.1365**.

A 20% lighter version of the original color is **90.6715, 97.8346, 104.5475**, and **28.0008, 33.5953, 29.8197** is the 20% darker color. If you saturate the color by 10%, you get **49.1023, 62.0168, 50.3277**, and if you desaturate by 10%, it is **64.0842, 69.2662, 72.4465**.

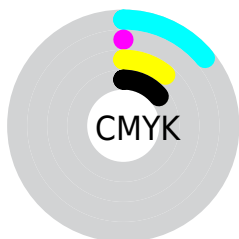
Distribution



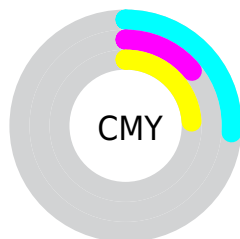
- Red (74%)
- Green (86%)
- Blue (76%)



- Red (74%)
- Yellow (84%)
- Blue (86%)



- Cyan (14%)
- Magenta (0%)
- Yellow (11%)
- Black (14%)



- Cyan (26%)
- Magenta (14%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.0554, 65.3769, 60.7035 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 56.0554, 65.3769, 60.7035 by changing the saturation by 10% instead.

■ 56.0554, 65.3769,
60.7035

■ 56.0554, 65.3769,
60.7035

399.9719,
444.1451, 445.0624

■ 40.4845, 47.7668,
43.5569

■ 98.2249, 112.5916,
107.4029

■ 28.1024, 33.6422,
29.9877

125.5543,
142.9648, 137.7927

■ 18.5437, 22.6189,
19.5773

157.5338,
178.3613, 173.4341

■ 11.4431, 14.3123,
11.9071

194.5289,
219.1654, 214.7455

■ 6.4352, 8.3382,
6.5587

236.9049,
265.7614, 262.1455

■ 3.1546, 4.3121,
3.1135

285.0271,

■ 1.2360, 1.8496,

318.5338, 316.0526

1.1529

339.2610,
377.8669, 376.8854

■ 0.1345, 0.5178,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.0554, 65.3769,
60.7035

■ 56.0554, 65.3769,
60.7035

■ 49.1023, 62.0168,
50.3277

■ 64.0842, 69.2662,
72.4465

■ 43.1738, 59.1550,
41.2653

■ 73.2263, 73.6974,
85.5993

■ 38.2226, 56.7701,
33.4651

■ 83.5240, 78.6934,
100.2083

■ 34.1956, 54.8358,
26.8710

■ 84.6228, 79.1456,
105.4243

■ 31.0345, 53.3235,
21.4227

■ 28.6743, 52.2010,
17.0546

■ 27.0405, 51.4315,
13.6947

■ 26.0442, 50.9707,
11.2616

■ 25.6589, 50.7960,
10.1615

Harmonies

Analogous

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



58.6824, 65.3769, 54.1785



56.0554, 65.3769, 60.7035



55.0489, 65.3769, 70.6352

Triad

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



56.0554, 65.3769, 60.7035



61.9467, 65.3769, 94.4742



68.8528, 65.3769, 61.5651

Complementary

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



56.0554, 65.3769, 60.7035



59.5510, 56.3119, 71.3520

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.



69.8127, 65.3769, 71.7363



56.0554, 65.3769, 60.7035



65.7283, 65.3769, 91.4213

Square

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



56.0554, 65.3769, 60.7035



58.3625, 65.3769, 90.7724



68.6471, 65.3769, 82.8070



66.0746, 65.3769, 54.6388

Rectangle

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



56.0554, 65.3769, 60.7035



55.3994, 65.3769, 78.1069



68.6471, 65.3769, 82.8070



69.4037, 65.3769, 64.6834

Sweetspot

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



56.0572, 65.3797, 60.7049



90.0579, 97.5811, 101.6801



62.3972, 68.7119, 58.1190



19.0813, 20.7920, 21.4809



0.0000, 0.0000, 0.0000



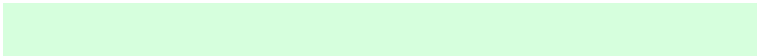
20.3446, 21.4041, 23.3091

Same Dimension

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



56.0572, 65.3797, 60.7049



76.6011, 91.0667, 81.9466



57.7666, 66.0635, 69.7068



12.9746, 14.6415, 14.3293



15.2409, 30.1290, 6.1680



1.0150, 1.9630, 0.5451

Inverse Universe

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



59.5510, 56.3119, 71.3520



82.3116, 76.2442, 99.3484



57.7801, 55.6035, 62.0265



13.5163, 13.2356, 15.9803



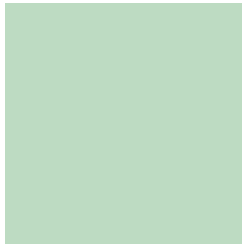
22.3947, 10.9589, 27.5220



1.4761, 0.7201, 1.9162

Previews

White Background



This preview shows how the XYZ color 56.0554, 65.3769, 60.7035 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 56.0554, 65.3769, 60.7035 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

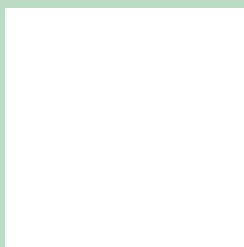
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.0554, 65.3769, 60.7035

Background



This preview shows how black text looks on a background with the XYZ color 56.0554, 65.3769, 60.7035.



This preview shows how white text looks on a background with the XYZ color 56.0554, 65.3769,

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

56.0554, 65.3769, 60.7035

Protanopia

61.7471, 64.9830, 57.4327

Deuteranopia

66.2630, 65.0498, 61.8868



Tritanopia

60.9760, 65.4648, 85.0235

Trichromacy



Original Color

56.0554, 65.3769, 60.7035

Protanomaly

59.4927, 64.9054, 58.6826

Deuteranomaly

61.9777, 64.6465, 61.4360

Tritanomaly

59.2031, 65.5111, 75.8542

Monochromacy



Original Color

56.0554, 65.3769, 60.7035

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

57.7744, 63.1322, 65.0178

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0554, 65.3769, 60.7035 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(189, 219, 194)` looks like.

```
.text, #text, p{  
    color:rgb(189, 219, 194)  
}
```

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(189, 219, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 219, 194) }
```

Border

The CSS property to change the border of an element to XYZ 56.0554, 65.3769, 60.7035 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(189, 219, 194) }
```


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

```
.border{ border-color:rgb(189, 219, 194) }
```

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

Here you see how a box with a 4 pixel rgb(189, 219, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 219, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 219, 194);  
box-shadow:4px 4px 4px 4px rgb(189, 219,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0554, 65.3769, 60.7035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 219, 194) }
```

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

```
.background{ background-color: rgb(189,  
219, 194) }
```

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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