

Converting Colors

XYZ(56.4457, 65.8098, 53.7481)

Have a look what the booklet for
XYZ(56.4457, 65.8098, 53.7481)
contains.

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Color

**XYZ(56.5400, 65.7762,
53.9721)**

Conversions

Conversions Part 1

Format	Color
Hex	C4DBB6
RGB	196, 219, 182
RGB Percent	77%, 86%, 71%
CMY	0.2314, 0.1412, 0.2863
CMYK	0.11, 0.00, 0.17, 0.14
HSL	97°, 34%, 79%
HSV	97°, 17%, 86%
XYZ	56.5400, 65.7762, 53.9721
YIQ	207.9050, -1.8310, -16.3830

Conversions

Conversions Part 2

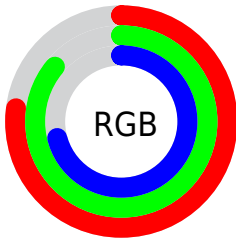
Format	Color
RYB	182, 219, 205
Decimal	12901302
CIELab	84.88, -14.33, 15.65
CIELCh	85, 21.219, 132.470
Yxy	65.7762, 0.3207, 0.3731
Android (android.graphics.Color)	4291091382 (0xFFC4DBB6)
YUV	207.9050, -12.7712, -10.4407
Hunter-Lab	81.1025, -17.4895, 17.3155

Details

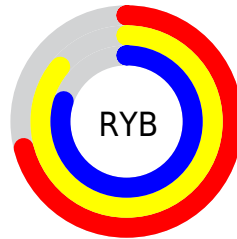
The XYZ color **56.5400, 65.7762, 53.9721** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **54.6936, 51.5513, 74.0890**, and the grayscale version is **59.9752, 63.0986, 68.7143**.

A 20% lighter version of the original color is **91.7006, 98.5757, 95.0828**, and **28.3932, 33.8867, 25.8132** is the 20% darker color. If you saturate the color by 10%, you get **51.0696, 63.1994, 42.8113**, and if you desaturate by 10%, it is **62.6894, 68.6660, 67.0151**.

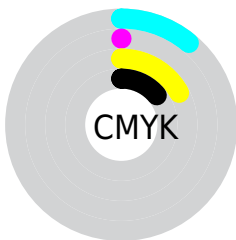
Distribution



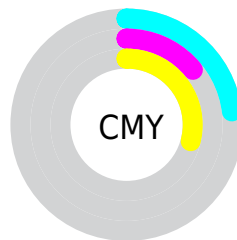
- Red (77%)
- Green (86%)
- Blue (71%)



- Red (71%)
- Yellow (86%)
- Blue (80%)



- Cyan (11%)
- Magenta (0%)
- Yellow (17%)
- Black (14%)



- Cyan (23%)
- Magenta (14%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.5400, 65.7762, 53.9721 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 56.5400, 65.7762, 53.9721 by changing the saturation by 10% instead.

■ 56.5400, 65.7762,
53.9721

■ 56.5400, 65.7762,
53.9721

401.7655,
445.5761, 419.1752

■ 40.8747, 48.0907,
38.1863

■ 98.9289, 113.1651,
97.4893

■ 28.4085, 33.8988,
25.8244

126.3833,
143.6373, 126.0577

■ 18.7758, 22.8158,
16.4677

158.4980,
179.1405, 159.7242

■ 11.6114, 14.4576,
9.6978

195.6386,
220.0592, 198.9072

■ 6.5500, 8.4396,
5.0961

238.1702,
266.7777, 244.0253

■ 3.2261, 4.3775,
2.2440

286.4584,

■ 1.2744, 1.8869,

319.6804, 295.4969

0.6996

340.8683,
379.1517, 353.7407

■ 0.1640, 0.5405,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.5400, 65.7762,
53.9721

■ 56.5400, 65.7762,
53.9721

■ 51.0696, 63.1994,
42.8113

■ 62.6894, 68.6660,
67.0151

■ 46.2480, 60.9162,
33.4415

■ 69.5359, 71.8705,
82.0172

■ 42.0503, 58.9176,
25.7707

■ 77.1038, 75.4026,
99.0562

■ 38.4480, 57.1913,
19.6966

■ 82.9726, 78.2949,
105.3470

■ 35.4099, 55.7236,
15.1061

■ 84.6228, 79.1456,
105.4243

■ 32.9016, 54.4995,
11.8712

■ 30.8838, 53.5021,
9.8421

■ 29.3082, 52.7107,
8.8247

■ 28.8874, 52.4981,
8.6106

Harmonies

Analogous

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



60.5629, 65.7762, 48.9533



56.5400, 65.7762, 53.9721



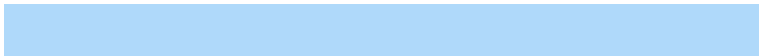
54.1908, 65.7762, 64.0104

Triad

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



56.5400, 65.7762, 53.9721



59.8018, 65.7762, 99.6338



71.8874, 65.7762, 66.1072

Complementary

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



56.5400, 65.7762, 53.9721



54.6936, 51.5513, 74.0890

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.



71.6580, 65.7762, 79.8081



56.5400, 65.7762, 53.9721



64.5154, 65.7762, 100.3822

Square

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



56.5400, 65.7762, 53.9721



56.0073, 65.7762, 90.8151



68.9038, 65.7762, 92.7459



69.5154, 65.7762, 55.3388

Rectangle

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



56.5400, 65.7762, 53.9721



53.8130, 65.7762, 72.7545



68.9038, 65.7762, 92.7459



72.1152, 65.7762, 70.4956

Sweetspot

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



56.5418, 65.7790, 53.9735



90.2084, 97.7334, 98.3113



59.4470, 62.0151, 53.0939



19.1670, 20.8528, 20.7364



0.0000, 0.0000, 0.0000



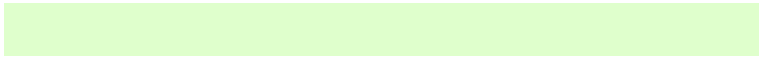
20.3446, 21.4041, 23.3091

Same Dimension

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



56.5418, 65.7790, 53.9735



77.1814, 91.6145, 70.7422



53.5215, 64.1697, 56.1974



13.3498, 14.8450, 13.8873



17.2404, 31.1852, 5.1107



1.2108, 2.0688, 0.3355

Inverse Universe

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



54.6936, 51.5513, 74.0890



74.1372, 68.1882, 103.8619



58.1689, 53.4078, 71.3229



13.1123, 13.0160, 16.4734



13.7414, 6.2081, 40.2124



0.9848, 0.4510, 2.6096

Previews

White Background



This preview shows how the XYZ color 56.5400, 65.7762, 53.9721 looks on a white background.

Color Contrast Check

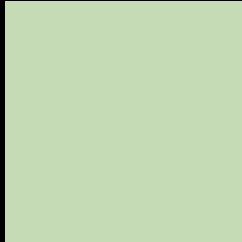
Large Text (above 18pt) WCAG AA × Fail

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 56.5400, 65.7762, 53.9721 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

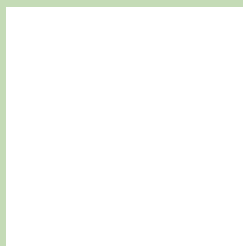
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.5400, 65.7762, 53.9721

Background



This preview shows how black text looks on a background with the XYZ color 56.5400, 65.7762, 53.9721.



This preview shows how white text looks on a background with the XYZ color 56.5400, 65.7762,

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

56.5400, 65.7762, 53.9721

Protanopia

61.7616, 65.4909, 51.5053

Deuteranopia

66.9678, 65.5658, 55.0248



Tritanopia

62.3149, 65.4406, 83.4757

Trichromacy



Original Color

56.5400, 65.7762, 53.9721

Protanomaly

59.6238, 65.4939, 52.1469

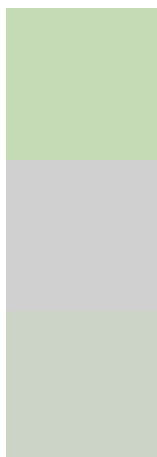
Deuteranomaly

62.5035, 65.0692, 54.6127

Tritanomaly

60.0035, 65.6337, 71.7934

Monochromacy



Original Color

56.5400, 65.7762, 53.9721

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

58.7541, 64.0479, 63.2986

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.5400, 65.7762, 53.9721 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(196, 219, 182)` looks like.

```
.text, #text, p{  
    color:rgb(196, 219, 182)  
}
```

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(196, 219, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 219, 182) }
```

Border

The CSS property to change the border of an element to XYZ 56.5400, 65.7762, 53.9721 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(196, 219, 182) }
```


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

```
.border{ border-color:rgb(196, 219, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 219, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 219, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 219, 182);  
box-shadow:4px 4px 4px 4px rgb(196, 219,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 56.5400, 65.7762, 53.9721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 219, 182) }
```

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

```
.background{ background-color: rgb(196,  
219, 182) }
```

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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