

Converting Colors

XYZ(56.4762, 65.3193, 62.9120)

Have a look what the booklet for
XYZ(56.4762, 65.3193, 62.9120)
contains.

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Color

**XYZ(56.4997, 65.1672,
63.0268)**

Conversions

Conversions Part 1

Format	Color
Hex	BEDAC6
RGB	190, 218, 198
RGB Percent	75%, 85%, 78%
CMY	0.2549, 0.1451, 0.2235
CMYK	0.13, 0.00, 0.09, 0.15
HSL	137°, 27%, 80%
HSV	137°, 13%, 85%
XYZ	56.4997, 65.1672, 63.0268
YIQ	207.3480, -10.2680, -12.1560

Conversions

Conversions Part 2

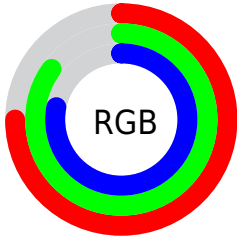
Format	Color
R _Y B	190, 212, 218
Decimal	12507846
CIE Lab	84.57, -13.08, 6.72
CIE LCh	85, 14.704, 152.825
Yxy	65.1672, 0.3059, 0.3528
Android (android.graphics.Color)	4290697926 (0xFFBEDAC6)
YUV	207.3480, -4.6086, -15.2142
Hunter-Lab	80.7262, -16.3400, 10.2178

Details

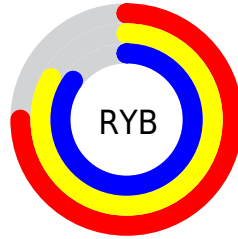
The XYZ color **56.4997, 65.1672, 63.0268** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **58.9621, 56.3872, 68.7520**, and the grayscale version is **59.5676, 62.6698, 68.2474**.

A 20% lighter version of the original color is **91.8160, 98.3328, 108.7487**, and **28.2846, 33.4422, 31.3498** is the 20% darker color. If you saturate the color by 10%, you get **49.7519, 61.8874, 53.8122**, and if you desaturate by 10%, it is **64.2503, 68.9463, 73.2551**.

Distribution



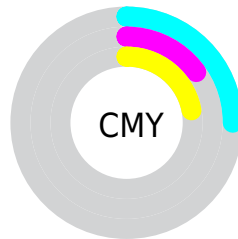
- Red (75%)
- Green (85%)
- Blue (78%)



- Red (75%)
- Yellow (83%)
- Blue (85%)



- Cyan (13%)
- Magenta (0%)
- Yellow (9%)
- Black (15%)



- Cyan (25%)
- Magenta (15%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.4997, 65.1672, 63.0268 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 56.4997, 65.1672, 63.0268 by changing the saturation by 10% instead.

■ 56.4997, 65.1672,
63.0268

■ 56.4997, 65.1672,
63.0268

401.6165,
443.3926, 453.7774

■ 40.8423, 47.5967,
45.4218

■ 98.8704, 112.2902,
110.7941

■ 28.3830, 33.5076,
31.4444

126.3144,
142.6115, 141.7935

■ 18.7565, 22.5156,
20.6762

158.4179,
177.9518, 178.0947

■ 11.5974, 14.2362,
12.6986

195.5464,
218.6955, 220.1163

■ 6.5404, 8.2851,
7.0930

238.0651,
265.2270, 268.2768

■ 3.2201, 4.2779,
3.4410


286.3395,

■ 1.2712, 1.8302,

317.9308, 322.9948

1.3240


340.7348,
377.1912, 384.6888


 0.1615, 0.5059,
0.0813

 0.0000, 0.0000,
0.0000


 56.4997, 65.1672,
63.0268


 56.4997, 65.1672,
63.0268


 49.7519, 61.8874,
53.8122


 64.2503, 68.9463,
73.2551

 43.9599, 59.0778,
45.5761

 73.0373, 73.2359,
84.5225

 39.0809, 56.7189,
38.2875

 82.7512, 77.9807,
96.8517

 35.0667, 54.7864,
31.9121

 84.3627, 78.6253,
105.3376

■ 31.8646, 53.2541,
26.4134

■ 29.4157, 52.0922,
21.7527

■ 27.6529, 51.2672,
17.8882

■ 26.4962, 50.7386,
14.7741

■ 25.9499, 50.4962,
12.9770

Harmonies

Analogous

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



58.5852, 65.1672, 56.8421



56.4997, 65.1672, 63.0268



55.8550, 65.1672, 71.8493

Triad

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



56.4997, 65.1672, 63.0268



62.2506, 65.1672, 90.5557



67.3885, 65.1672, 61.6138

Complementary

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



56.4997, 65.1672, 63.0268



58.9621, 56.3872, 68.7520

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.



68.4506, 65.1672, 70.0702



56.4997, 65.1672, 63.0268



65.4194, 65.1672, 87.2319

Square

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



56.4997, 65.1672, 63.0268



59.1051, 65.1672, 88.2568



67.7176, 65.1672, 79.5238



64.8630, 65.1672, 56.0782

Rectangle

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



56.4997, 65.1672, 63.0268



56.3097, 65.1672, 78.1912



67.7176, 65.1672, 79.5238



67.9325, 65.1672, 64.1815

Sweetspot

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



56.5015, 65.1700, 63.0282



90.2454, 97.6561, 102.6675



60.9655, 67.5751, 58.5462



19.1286, 20.8109, 21.7300



0.0000, 0.0000, 0.0000



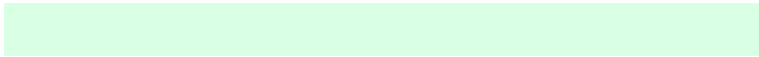
20.3446, 21.4041, 23.3091

Same Dimension

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



56.5015, 65.1700, 63.0282



78.2599, 91.8170, 86.7620



58.1840, 65.8430, 71.8883



13.0387, 14.6671, 14.6668



15.5862, 30.2671, 7.9863



1.0465, 1.9755, 0.7108

Inverse Universe

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



58.9621, 56.3872, 68.7520



82.3286, 77.2930, 96.2256



57.3004, 55.7224, 60.0012



13.4475, 13.2081, 15.6178



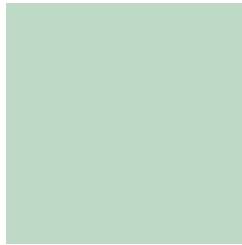
20.9515, 10.3817, 19.9227



1.3938, 0.6871, 1.4824

Previews

White Background



This preview shows how the XYZ color 56.4997, 65.1672, 63.0268 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 56.4997, 65.1672, 63.0268 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

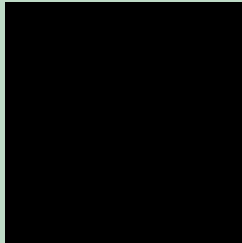
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

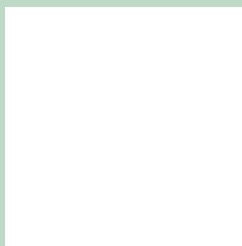
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.4997, 65.1672, 63.0268

Background



This preview shows how black text looks on a background with the XYZ color 56.4997, 65.1672, 63.0268.



This preview shows how white text looks on a background with the XYZ color 56.4997, 65.1672, 63.0268.

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

56.4997, 65.1672, 63.0268

Protanopia

61.6976, 64.8937, 60.3128

Deuteranopia

66.3964, 65.0649, 64.3177



Tritanopia

60.5829, 64.9038, 84.1975

Trichromacy



Original Color

56.4997, 65.1672, 63.0268

Protanomaly

59.6570, 64.9385, 61.0199

Deuteranomaly

62.4392, 64.8311, 63.8663

Tritanomaly

58.9476, 65.0003, 75.7691

Monochromacy



Original Color

56.4997, 65.1672, 63.0268

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.2807, 63.3657, 66.2858

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.4997, 65.1672, 63.0268 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(190, 218, 198)` looks like.

```
.text, #text, p{  
    color:rgb(190, 218, 198)  
}
```

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(190, 218, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 218, 198) }
```

Border

The CSS property to change the border of an element to XYZ 56.4997, 65.1672, 63.0268 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(190, 218, 198) }
```


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

```
.border{ border-color:rgb(190, 218, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 218, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 218, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 218, 198);  
box-shadow:4px 4px 4px 4px rgb(190, 218,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 56.4997, 65.1672, 63.0268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 218, 198) }
```

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

```
.background{ background-color: rgb(190,  
218, 198) }
```

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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