

Converting Colors

XYZ(56.3729, 65.5039, 62.3756)

Have a look what the booklet for
XYZ(56.3729, 65.5039, 62.3756)
contains.

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Color

**XYZ(56.3958, 65.5131,
62.4962)**

Conversions

Conversions Part 1

Format	Color
Hex	BDDBC5
RGB	189, 219, 197
RGB Percent	74%, 86%, 77%
CMY	0.2588, 0.1412, 0.2274
CMYK	0.14, 0.00, 0.10, 0.14
HSL	136°, 29%, 80%
HSV	136°, 14%, 86%
XYZ	56.3958, 65.5131, 62.4962
YIQ	207.5220, -10.8180, -13.2020

Conversions

Conversions Part 2

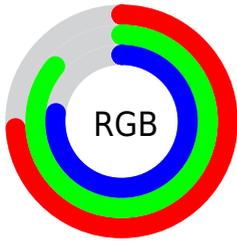
Format	Color
R _Y B	189, 213, 219
Decimal	12442565
CIE Lab	84.75, -14.10, 7.49
CIE LCh	85, 15.970, 152.027
Yxy	65.5131, 0.3058, 0.3553
Android (android.graphics.Color)	4290632645 (0xFFBDDBC5)
YUV	207.5220, -5.1873, -16.2438
Hunter-Lab	80.9402, -17.2738, 10.8786

Details

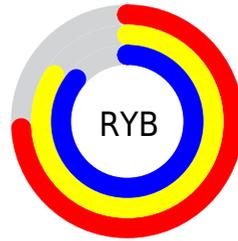
The XYZ color **56.3958, 65.5131, 62.4962** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **59.1712, 56.1599, 69.3523**, and the grayscale version is **59.6839, 62.7921, 68.3806**.

A 20% lighter version of the original color is **91.3056, 98.0882, 107.8865**, and **28.2251, 33.6850, 31.0008** is the 20% darker color. If you saturate the color by 10%, you get **49.6249, 62.2258, 53.0795**, and if you desaturate by 10%, it is **64.1868, 69.3073, 72.9870**.

Distribution



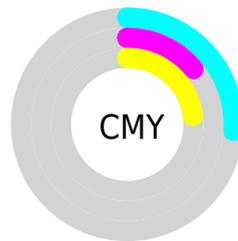
- Red (74%)
- Green (86%)
- Blue (77%)



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



- Cyan (14%)
- Magenta (0%)
- Yellow (10%)
- Black (14%)



- Cyan (26%)
- Magenta (14%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.3958, 65.5131, 62.4962 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 56.3958, 65.5131, 62.4962 by changing the saturation by 10% instead.

 56.3958, 65.5131,
62.4962

 56.3958, 65.5131,
62.4962

401.2323,
444.6335, 451.7963

 40.7586, 47.8773,
44.9954

 98.7195, 112.7872,
110.0209

 28.3173, 33.7297,
31.1109

126.1367,
143.1943, 140.8819

 18.7067, 22.6860,
20.4241

158.2113,
178.6272, 177.0333

 11.5613, 14.3618,
12.5166

195.3086,
219.4704, 218.8937

 6.5158, 8.3728,
6.9697

237.7940,
266.1082, 266.8817

 3.2048, 4.3344,
3.3650

286.0328,

 1.2630, 1.8623,

318.9251, 321.4158

1.2839

340.3905,
378.3054, 382.9144

 0.1552, 0.5256,
0.0485

 0.0000, 0.0000,
0.0000

 56.3958, 65.5131,
62.4962

 56.3958, 65.5131,
62.4962

 49.6249, 62.2258,
53.0795

 64.1868, 69.3073,
72.9870

 43.8258, 59.4158,
44.6986

 73.0326, 73.6200,
84.5798

 38.9545, 57.0629,
37.3192

 82.9731, 78.4731,
97.3073

 34.9614, 55.1422,
30.9037

 84.6228, 79.1456,
105.4243

■ 31.7920, 53.6266,
25.4119

■ 29.3857, 52.4856,
20.8007

■ 27.6727, 51.6844,
17.0238

■ 26.5700, 51.1810,
14.0302

■ 26.1067, 50.9752,
12.5193

Harmonies

Analogous

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



58.6955, 65.5131, 55.9185



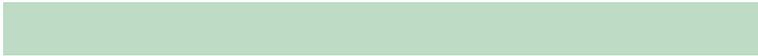
56.3958, 65.5131, 62.4962



55.6518, 65.5131, 72.0309

Triad

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



56.3958, 65.5131, 62.4962



62.5116, 65.5131, 92.8575



68.2761, 65.5131, 61.3990

Complementary

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



56.3958, 65.5131, 62.4962



59.1712, 56.1599, 69.3523

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.



69.3894, 65.5131, 70.6389



56.3958, 65.5131, 62.4962



65.9831, 65.5131, 89.3471

Square

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



56.3958, 65.5131, 62.4962



59.1011, 65.5131, 90.1583



68.5348, 65.5131, 80.9650



65.5465, 65.5131, 55.3289

Rectangle

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



56.3958, 65.5131, 62.4962



56.1144, 65.5131, 78.9691



68.5348, 65.5131, 80.9650



68.8563, 65.5131, 64.2051

Sweetspot

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



56.3976, 65.5159, 62.4976



90.2153, 97.6441, 102.5092



61.5269, 68.2632, 58.0781



19.1210, 20.8079, 21.6900



0.0000, 0.0000, 0.0000



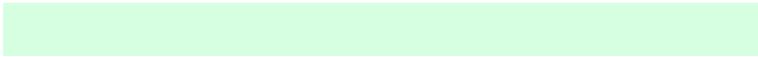
20.3446, 21.4041, 23.3091

Same Dimension

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



56.3976, 65.5159, 62.4976



77.1514, 91.2868, 84.8446



58.1406, 66.2131, 71.6759



13.0284, 14.6630, 14.6125



15.5182, 30.2399, 7.6283



1.0409, 1.9733, 0.6816

Inverse Universe

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



59.1712, 56.1599, 69.3523



81.6847, 75.9934, 96.0471



57.4338, 55.4650, 60.2035



13.4585, 13.2125, 15.6754



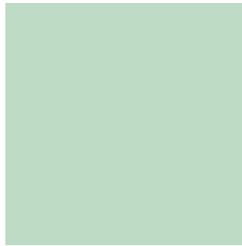
21.1636, 10.4665, 21.0394



1.4061, 0.6921, 1.5473

Previews

White Background



This preview shows how the XYZ color 56.3958, 65.5131, 62.4962 looks on a white background.

Color Contrast Check

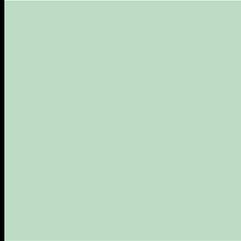
Large Text (above 18pt) WCAG AA × Fail

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 56.3958, 65.5131, 62.4962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

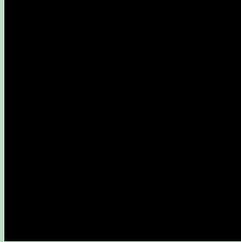
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

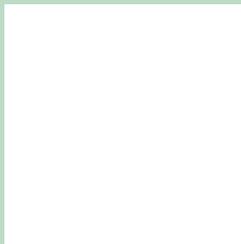
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.3958, 65.5131, 62.4962

Background



This preview shows how black text looks on a background with the XYZ color 56.3958, 65.5131, 62.4962.



This preview shows how white text looks on a background with the XYZ color 56.3958, 65.5131,

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

56.3958, 65.5131, 62.4962

Protanopia

61.7744, 64.9590, 59.1517

Deuteranopia

66.6103, 65.1887, 63.7155



Tritanopia

60.9760, 65.4648, 85.0235

Trichromacy



Original Color

56.3958, 65.5131, 62.4962

Protanomaly

59.5443, 64.8934, 60.4263

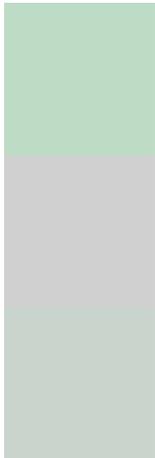
Deuteranomaly

62.3227, 64.7845, 63.2527

Tritanomaly

59.3344, 65.5637, 76.5456

Monochromacy



Original Color

56.3958, 65.5131, 62.4962

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

58.5300, 63.8641, 66.3689

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3958, 65.5131, 62.4962 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, 197)` looks like.

```
.text, #text, p{  
    color:rgb(189, 219, 197)  
}
```

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, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 219, 197) }
```

Border

The CSS property to change the border of an element to XYZ 56.3958, 65.5131, 62.4962 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, 197) }
```

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

```
.border{ border-color:rgb(189, 219, 197) }
```

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, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 219, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 219, 197);  
box-shadow:4px 4px 4px 4px rgb(189, 219,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3958, 65.5131, 62.4962 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, 197) }
```

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

```
.background{ background-color: rgb(189,  
219, 197) }
```

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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