

Converting Colors

XYZ(56.2408, 62.6781, 58.5967)

Have a look what the booklet for
XYZ(56.2408, 62.6781, 58.5967)
contains.

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Color

**XYZ(56.2362, 62.8543,
58.4584)**

Conversions

Conversions Part 1

Format	Color
Hex	C6D4BF
RGB	198, 212, 191
RGB Percent	78%, 83%, 75%
CMY	0.2235, 0.1686, 0.2510
CMYK	0.07, 0.00, 0.10, 0.17
HSL	100°, 20%, 79%
HSV	100°, 10%, 83%
XYZ	56.2362, 62.8543, 58.4584
YIQ	205.4200, -1.6030, -9.4990

Conversions

Conversions Part 2

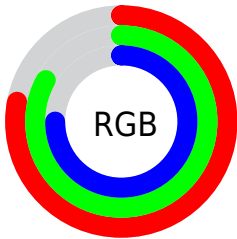
Format	Color
RYB	191, 212, 205
Decimal	13030591
CIELab	83.37, -8.55, 8.77
CIElCh	83, 12.243, 134.263
Yxy	62.8543, 0.3167, 0.3540
Android (android.graphics.Color)	4291220671 (0xFFC6D4BF)
YUV	205.4200, -7.1091, -6.5073
Hunter-Lab	79.2807, -12.1258, 11.7784

Details

The XYZ color **56.2362, 62.8543, 58.4584** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.6937, 54.9959, 69.9705**, and the grayscale version is **58.3419, 61.3802, 66.8430**.

A 20% lighter version of the original color is **93.7885, 99.4954, 102.2570**, and **28.1460, 31.8782, 28.7144** is the 20% darker color. If you saturate the color by 10%, you get **50.5168, 60.1580, 46.8808**, and if you desaturate by 10%, it is **62.6446, 65.8704, 71.8337**.

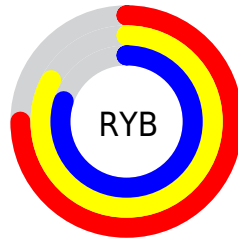
Distribution



Red (78%)

Green (83%)

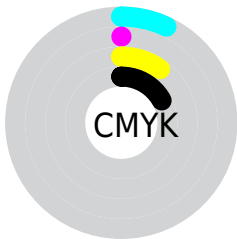
Blue (75%)



Red (75%)

Yellow (83%)

Blue (80%)

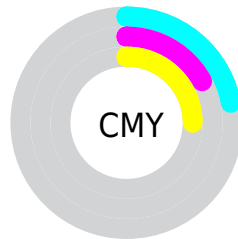


Cyan (7%)

Magenta (0%)

Yellow (10%)

Black (17%)



Cyan (22%)


Magenta (17%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.2362, 62.8543, 58.4584 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 56.2362, 62.8543, 58.4584 by changing the saturation by 10% instead.


 56.2362, 62.8543,
58.4584

 56.2362, 62.8543,
58.4584


400.6416,
435.0405, 436.5377

 40.6301, 45.7233,
41.7601


 98.4877, 108.9593,
104.1115

 28.2165, 32.0276,
28.5894


125.8637,
138.7021, 133.9033

 18.6302, 21.3826,
18.5275


157.8937,
173.4177, 168.8969

 11.5058, 13.4039,
11.1560

194.9432,
213.4904, 209.5105

 6.4779, 7.7073,
6.0564

237.3773,
259.3046, 256.1629

 3.1812, 3.9082,
2.8101

285.5615,

 1.2503, 1.6224,

311.2448, 309.2726

0.9985

339.8612,
369.6953, 369.2580

■ 0.1455, 0.3726,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.2362, 62.8543,
58.4584

■ 56.2362, 62.8543,
58.4584

■ 50.5168, 60.1580,
46.8808

■ 62.6446, 65.8704,
71.8337

■ 45.4572, 57.7627,
37.0204

■ 69.7595, 69.2083,
87.0746

■ 41.0339, 55.6599,
28.7964

■ 77.6042, 72.8803,
104.2503

■ 37.2197, 53.8374,
22.1202

■ 82.6662, 75.4825,
104.8203

■ 33.9854, 52.2824,
16.8945

■ 82.8347, 75.5694,
104.8282

■ 31.2991, 50.9807,
13.0111

■ 29.1251, 49.9167,
10.3469

■ 27.4229, 49.0726,
8.7556

■ 26.1286, 48.4213,
7.9748

Harmonies

Analogous

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



58.4878, 62.8543, 55.1794



56.2362, 62.8543, 58.4584



54.9443, 62.8543, 64.5346

Triad

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



56.2362, 62.8543, 58.4584



58.3623, 62.8543, 83.5541



64.8453, 62.8543, 64.8860

Complementary

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



56.2362, 62.8543, 58.4584



55.6937, 54.9959, 69.9705

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.



64.8093, 62.8543, 72.4950



56.2362, 62.8543, 58.4584



61.0122, 62.8543, 83.6658

Square

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



56.2362, 62.8543, 58.4584



56.1467, 62.8543, 79.1978



63.3887, 62.8543, 79.4925



63.4858, 62.8543, 58.6991

Rectangle

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



56.2362, 62.8543, 58.4584



54.7763, 62.8543, 69.5340



63.3887, 62.8543, 79.4925



64.9973, 62.8543, 67.3528

Sweetspot

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



56.2379, 62.8570, 58.4598



91.9909, 98.5625, 102.4551



58.3892, 61.4239, 58.0698



19.5184, 21.0158, 21.5703



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.



56.2379, 62.8570, 58.4598



83.3972, 94.5174, 84.6539



54.8251, 62.0836, 60.4289



12.6485, 14.0950, 13.2147



16.2185, 29.9372, 4.9237



1.0648, 1.8503, 0.3010

Inverse Universe

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



55.6937, 54.9959, 69.9705



82.4004, 80.1235, 105.7301



57.2313, 55.8391, 67.7619



12.5322, 12.4158, 15.6735



14.2643, 6.5060, 38.9571



0.9464, 0.4368, 2.3537

Previews

White Background



This preview shows how the XYZ color 56.2362, 62.8543, 58.4584 looks on a white background.

Color Contrast Check

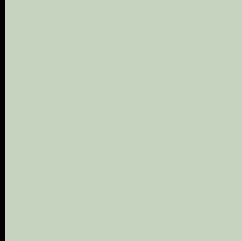
Large Text (above 18pt) WCAG AA × Fail

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 56.2362, 62.8543, 58.4584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

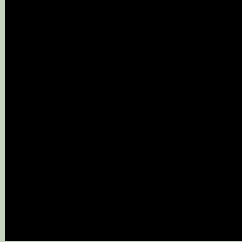
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

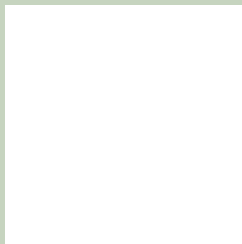
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.2362, 62.8543, 58.4584

Background



This preview shows how black text looks on a background with the XYZ color 56.2362, 62.8543, 58.4584.



This preview shows how white text looks on a background with the XYZ color 56.2362, 62.8543,

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

56.2362, 62.8543, 58.4584

Protanopia

59.7088, 62.8554, 56.5623

Deuteranopia

63.8842, 62.4824, 59.1453



Tritanopia

60.3960, 62.7040, 79.4409

Trichromacy



Original Color

56.2362, 62.8543, 58.4584

Protanomaly

58.2803, 62.8304, 57.1999

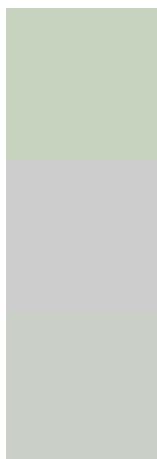
Deuteranomaly

60.6225, 62.2071, 58.6812

Tritanomaly

58.7715, 62.7719, 71.3060

Monochromacy



Original Color

56.2362, 62.8543, 58.4584

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.3383, 61.8384, 63.5575

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.2362, 62.8543, 58.4584 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(198, 212, 191)` looks like.

```
.text, #text, p{  
    color:rgb(198, 212, 191)  
}
```

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(198, 212, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 212, 191) }
```

Border

The CSS property to change the border of an element to XYZ 56.2362, 62.8543, 58.4584 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(198, 212, 191) }
```


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

```
.border{ border-color:rgb(198, 212, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 212, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 212, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 212, 191);  
box-shadow:4px 4px 4px 4px rgb(198, 212,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 56.2362, 62.8543, 58.4584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 212, 191) }
```

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

```
.background{ background-color: rgb(198,  
212, 191) }
```

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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