

Converting Colors

XYZ(56.5552, 62.1926, 52.1282)

Have a look what the booklet for
XYZ(56.5552, 62.1926, 52.1282)
contains.

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Color

**XYZ(56.4923, 62.0180,
52.1732)**

Conversions

Conversions Part 1

Format	Color
Hex	CED1B4
RGB	206, 209, 180
RGB Percent	81%, 82%, 71%
CMY	0.1922, 0.1804, 0.2941
CMYK	0.01, 0.00, 0.14, 0.18
HSL	66°, 24%, 76%
HSV	66°, 14%, 82%
XYZ	56.4923, 62.0180, 52.1732
YIQ	204.7970, 7.5210, -9.6550

Conversions

Conversions Part 2

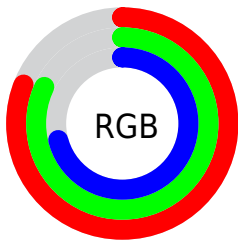
Format	Color
R _Y B	180, 209, 183
Decimal	13554100
CIE Lab	82.92, -6.00, 14.05
CIE LCh	83, 15.280, 113.124
Yxy	62.0180, 0.3310, 0.3634
Android (android.graphics.Color)	4291744180 (0xFFCED1B4)
YUV	204.7970, -12.2249, 1.0550
Hunter-Lab	78.7515, -9.7684, 15.8462

Details

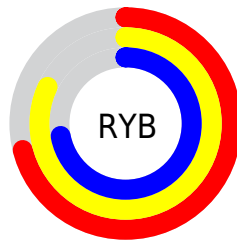
The XYZ color **56.4923, 62.0180, 52.1732** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **47.3606, 47.3149, 66.9614**, and the grayscale version is **57.9726, 60.9917, 66.4199**.

A 20% lighter version of the original color is **92.1403, 98.8361, 93.5778**, and **28.5010, 31.6504, 24.6856** is the 20% darker color. If you saturate the color by 10%, you get **53.9255, 60.9244, 41.7643**, and if you desaturate by 10%, it is **59.3919, 63.2498, 64.2761**.

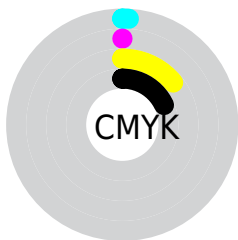
Distribution



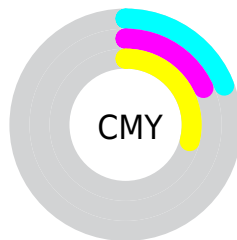
- Red (81%)
- Green (82%)
- Blue (71%)



- Red (71%)
- Yellow (82%)
- Blue (72%)



- Cyan (1%)
- Magenta (0%)
- Yellow (14%)
- Black (18%)



- Cyan (19%)
- Magenta (18%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.4923, 62.0180, 52.1732 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 56.4923, 62.0180, 52.1732 by changing the saturation by 10% instead.

■ 56.4923, 62.0180,
52.1732

■ 56.4923, 62.0180,
52.1732

401.5892,
431.9967, 412.0809

■ 40.8363, 45.0472,
36.7600

■ 98.8596, 107.7515,
94.8158

■ 28.3783, 31.4946,
24.7274

126.3017,
137.2831, 122.8822

■ 18.7529, 20.9758,
15.6569

158.4032,
171.7704, 156.0035

■ 11.5948, 13.1063,
9.1300

195.5294,
211.5979, 194.5981

■ 6.5387, 7.5018,
4.7281

238.0458,
257.1498, 239.0846

■ 3.2190, 3.7778,
2.0327

286.3176,

■ 1.2706, 1.5501,

308.8107, 289.8815

0.5753

340.7103,
366.9649, 347.4074

■ 0.1611, 0.3236,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.4923, 62.0180,
52.1732

■ 56.4923, 62.0180,
52.1732

■ 53.9255, 60.9244,
41.7643

■ 59.3919, 63.2498,
64.2761

■ 51.6720, 59.9550,
32.9700

■ 62.6327, 64.6170,
78.1399

■ 49.7181, 59.1064,
25.7105

■ 66.2290, 66.1273,
93.8324

■ 48.0470, 58.3718,
19.8976

■ 68.7764, 67.2191,
103.9574

■ 46.6403, 57.7440,
15.4340

■ 69.4150, 67.5483,
103.9873

■ 45.4771, 57.2145,
12.2108

■ 70.0621, 67.8819,
104.0176

■ 44.5336, 56.7738,
10.1019

■ 70.7176, 68.2198,
104.0483

■ 43.7807, 56.4102,
8.9547

■ 71.3816, 68.5622,
104.0793

■ 43.3827, 56.2133,
8.5637

■ 72.0542, 68.9089,
104.1108

Harmonies

Analogous

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



59.7082, 62.0180, 51.0633



56.4923, 62.0180, 52.1732



54.0207, 62.0180, 57.2109

Triad

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



56.4923, 62.0180, 52.1732



55.2245, 62.0180, 83.1109



65.4645, 62.0180, 69.7233

Complementary

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



56.4923, 62.0180, 52.1732



47.3606, 47.3149, 66.9614

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.



64.1624, 62.0180, 79.0143



56.4923, 62.0180, 52.1732



58.1908, 62.0180, 87.1963

Square

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



56.4923, 62.0180, 52.1732



53.3081, 62.0180, 74.9086



61.4703, 62.0180, 85.6314



64.9686, 62.0180, 60.6471

Rectangle

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



56.4923, 62.0180, 52.1732



53.0875, 62.0180, 62.3941



61.4703, 62.0180, 85.6314



65.2210, 62.0180, 72.9341

Sweetspot

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



56.4940, 62.0207, 52.1745



93.0633, 99.1605, 100.4611



51.4476, 50.6779, 50.2511



19.8415, 21.1915, 21.1740



0.0000, 0.0000, 0.0000



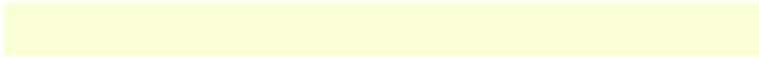
20.3446, 21.4041, 23.3091

Same Dimension

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



56.4940, 62.0207, 52.1745



87.2069, 96.6742, 76.1198



52.6779, 60.0535, 51.9959



12.6778, 13.7328, 12.5946



26.7961, 34.6829, 5.2822



1.5338, 1.9576, 0.2970

Inverse Universe

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



47.3606, 47.3149, 66.9614



69.8664, 68.7524, 104.1959



50.9627, 49.1718, 67.1300



11.2757, 11.4754, 14.8643



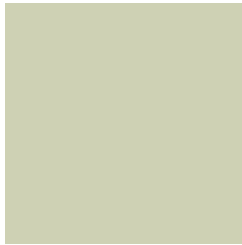
7.3348, 2.9615, 37.3775



0.4497, 0.1860, 2.0918

Previews

White Background



This preview shows how the XYZ color 56.4923, 62.0180, 52.1732 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 56.4923, 62.0180, 52.1732 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

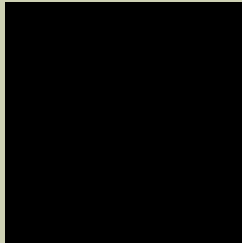
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

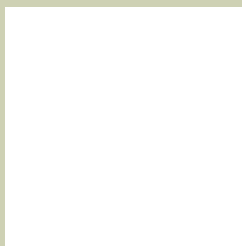
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.4923, 62.0180, 52.1732

Background



This preview shows how black text looks on a background with the XYZ color 56.4923, 62.0180, 52.1732.



This preview shows how white text looks on a background with the XYZ color 56.4923, 62.0180,

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

56.4923, 62.0180, 52.1732

Protanopia

58.4261, 61.9559, 50.9988

Deuteranopia

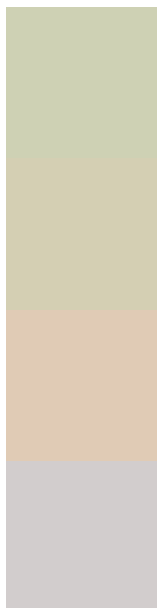
63.1279, 61.8864, 52.8740



Tritanopia

61.2935, 61.8234, 75.7204

Trichromacy



Original Color

56.4923, 62.0180, 52.1732

Protanomaly

57.6009, 61.8774, 51.5555

Deuteranomaly

60.4369, 61.8954, 52.4777

Tritanomaly

59.4291, 61.7721, 66.5486

Monochromacy



Original Color

56.4923, 62.0180, 52.1732

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.2119, 61.1073, 61.0040

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.4923, 62.0180, 52.1732 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(206, 209, 180)` looks like.

```
.text, #text, p{  
    color:rgb(206, 209, 180)  
}
```

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(206, 209, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 209, 180) }
```

Border

The CSS property to change the border of an element to XYZ 56.4923, 62.0180, 52.1732 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(206, 209, 180) }
```


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

```
.border{ border-color:rgb(206, 209, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 209, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 209, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 209, 180);  
box-shadow:4px 4px 4px 4px rgb(206, 209,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 56.4923, 62.0180, 52.1732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 209, 180) }
```

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

```
.background{ background-color: rgb(206,  
209, 180) }
```

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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