

Converting Colors

XYZ(56.3693, 61.5398, 49.8364)

Have a look what the booklet for
XYZ(56.3693, 61.5398, 49.8364)
contains.

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Color

**XYZ(56.4048, 61.6562,
50.0023)**

Conversions

Conversions Part 1

Format	Color
Hex	D0D0B0
RGB	208, 208, 176
RGB Percent	82%, 82%, 69%
CMY	0.1843, 0.1843, 0.3098
CMYK	0.00, 0.00, 0.15, 0.18
HSL	60°, 25%, 75%
HSV	60°, 15%, 82%
XYZ	56.4048, 61.6562, 50.0023
YIQ	204.3520, 10.2720, -9.9520

Conversions

Conversions Part 2

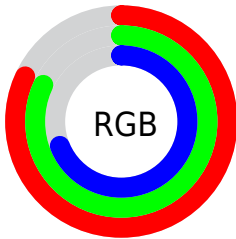
Format	Color
RYB	176, 208, 176
Decimal	13684912
CIELab	82.73, -5.39, 15.92
CIELCh	83, 16.809, 108.694
Yxy	61.6562, 0.3356, 0.3669
Android (android.graphics.Color)	4291874992 (0xFFD0D0B0)
YUV	204.3520, -13.9775, 3.1993
Hunter-Lab	78.5215, -9.1896, 17.2093

Details

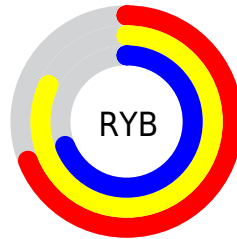
The XYZ color **56.4048, 61.6562, 50.0023** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **44.8173, 44.8365, 65.9700**, and the grayscale version is **57.6997, 60.7046, 66.1073**.

A 20% lighter version of the original color is **91.5655, 98.6062, 90.5508**, and **28.2676, 31.3136, 23.2932** is the 20% darker color. If you saturate the color by 10%, you get **54.5023, 60.8972, 39.9808**, and if you desaturate by 10%, it is **58.6260, 62.5468, 61.6874**.

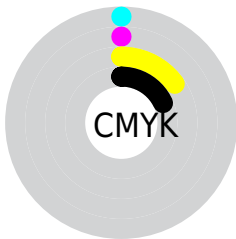
Distribution



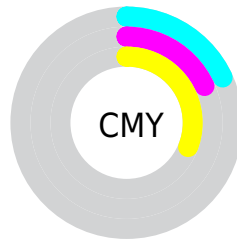
- Red (82%)
- Green (82%)
- Blue (69%)



- Red (69%)
- Yellow (82%)
- Blue (69%)



- Cyan (0%)
- Magenta (0%)
- Yellow (15%)
- Black (18%)



- Cyan (18%)
- Magenta (18%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.4048, 61.6562, 50.0023 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 56.4048, 61.6562, 50.0023 by changing the saturation by 10% instead.

■ 56.4048, 61.6562,
50.0023

■ 56.4048, 61.6562,
50.0023

401.2656,
430.6759, 403.4103

■ 40.7658, 44.7550,
35.0440

■ 98.7326, 107.2285,
91.5746

■ 28.3230, 31.2645,
23.4130

126.1521,
136.6683, 119.0258

■ 18.7110, 20.8003,
14.6906

158.2292,
171.0565, 151.4783

■ 11.5644, 12.9781,
8.4583

195.3292,
210.7774, 189.3507

■ 6.5179, 7.4135,
4.2976

237.8175,
256.2153, 233.0616

■ 3.2061, 3.7220,
1.7900

286.0594,

■ 1.2637, 1.5193,

307.7548, 283.0294

0.4214

340.4203,
365.7802, 339.6728

■ 0.1558, 0.3023,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.4048, 61.6562,
50.0023

■ 56.4048, 61.6562,
50.0023

■ 54.5023, 60.8972,
39.9808

■ 58.6260, 62.5468,
61.6874

■ 52.8994, 60.2559,
31.5435

■ 61.1743, 63.5662,
75.1027

■ 51.5821, 59.7289,
24.6107

■ 64.0640, 64.7222,
90.3160

■ 50.5337, 59.3095,
19.0939

■ 66.6229, 65.7458,
103.7866

■ 49.7357, 58.9902,
14.8956

■ 66.6236, 65.7462,
103.7866

■ 49.1672, 58.7627,
11.9059

■ 66.6244, 65.7466,
103.7866

■ 48.8039, 58.6173,
9.9972

■ 66.6251, 65.7470,
103.7867

■ 48.6163, 58.5421,
9.0130

■ 66.6259, 65.7474,
103.7867

■ 48.5633, 58.5209,
8.7361

■ 66.6267, 65.7478,
103.7867

Harmonies

Analogous

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



59.9743, 61.6562, 49.4593



56.4048, 61.6562, 50.0023



53.5393, 61.6562, 54.8431

Triad

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



56.4048, 61.6562, 50.0023



54.1372, 61.6562, 83.2076



65.6787, 61.6562, 71.1080

Complementary

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



56.4048, 61.6562, 50.0023



44.8173, 44.8365, 65.9700

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.



63.9749, 61.6562, 81.1344



56.4048, 61.6562, 50.0023



57.2515, 61.6562, 88.5834

Square

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



56.4048, 61.6562, 50.0023



52.2677, 61.6562, 73.7110



60.8563, 61.6562, 87.7879



65.4292, 61.6562, 60.9587

Rectangle

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



56.4048, 61.6562, 50.0023



52.3681, 61.6562, 60.1633



60.8563, 61.6562, 87.7879



65.3127, 61.6562, 74.6215

Sweetspot

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



56.4064, 61.6589, 50.0036



93.0640, 99.2055, 98.4450



49.3762, 47.5966, 47.6599



19.8621, 21.2111, 20.7689



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.



56.4064, 61.6589, 50.0036



88.5188, 97.3873, 74.5187



52.1329, 59.4558, 49.8036



12.8033, 13.7976, 12.6004



30.2658, 36.4715, 5.4445



1.6923, 2.0393, 0.3044

Inverse Universe

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



44.8173, 44.8365, 65.9700



67.1995, 66.4408, 103.8903



48.6506, 46.8126, 66.1494



11.1639, 11.4178, 14.8591



7.0961, 2.8385, 37.3664



0.3968, 0.1587, 2.0893

Previews

White Background



This preview shows how the XYZ color 56.4048, 61.6562, 50.0023 looks on a white background.

Color Contrast Check

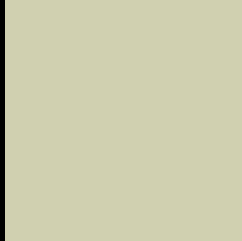
Large Text (above 18pt) WCAG AA × Fail

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 56.4048, 61.6562, 50.0023 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

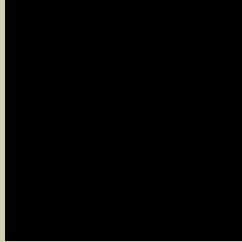
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

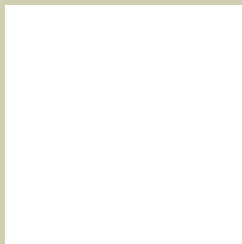
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.4048, 61.6562, 50.0023

Background



This preview shows how black text looks on a background with the XYZ color 56.4048, 61.6562, 50.0023.



This preview shows how white text looks on a background with the XYZ color 56.4048, 61.6562,

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

56.4048, 61.6562, 50.0023

Protanopia

58.1845, 61.5095, 49.3633

Deuteranopia

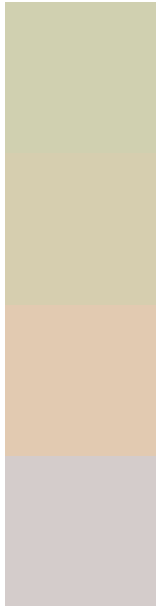
62.8220, 61.4354, 50.6666



Tritanopia

61.5070, 61.5992, 74.9777

Trichromacy



Original Color

56.4048, 61.6562, 50.0023

Protanomaly

57.5407, 61.5339, 49.4019

Deuteranomaly

60.4204, 61.5841, 50.2974

Tritanomaly

59.5237, 61.4946, 65.2323

Monochromacy



Original Color

56.4048, 61.6562, 50.0023

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

56.7458, 60.5368, 59.7329

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.4048, 61.6562, 50.0023 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(208, 208, 176) looks like.

```
.text, #text, p{  
    color:rgb(208, 208, 176)  
}
```

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(208, 208, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 208, 176) }
```

Border

The CSS property to change the border of an element to XYZ 56.4048, 61.6562, 50.0023 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(208, 208, 176) }
```


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

```
.border{ border-color:rgb(208, 208, 176) }
```

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

Here you see how a box with a 4 pixel rgb(208, 208, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 208, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 208, 176);  
box-shadow:4px 4px 4px 4px rgb(208, 208,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 56.4048, 61.6562, 50.0023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 208, 176) }
```

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

```
.background{ background-color: rgb(208,  
208, 176) }
```

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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