

Converting Colors

XYZ(56.5590, 61.5982, 52.2524)

Have a look what the booklet for
XYZ(56.5590, 61.5982, 52.2524)
contains.

XYZ(56.5262, 61.6724, 52.1047)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(56.5262, 61.6724,
52.1047)**

Conversions

Conversions Part 1

Format	Color
Hex	CFD0B4
RGB	207, 208, 180
RGB Percent	81%, 82%, 71%
CMY	0.1882, 0.1843, 0.2941
CMYK	0.00, 0.00, 0.13, 0.18
HSL	62°, 23%, 76%
HSV	62°, 13%, 82%
XYZ	56.5262, 61.6724, 52.1047
YIQ	204.5090, 8.3920, -8.9200

Conversions

Conversions Part 2

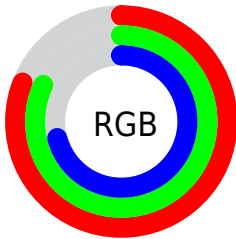
Format	Color
RYB	180, 208, 181
Decimal	13619380
CIELab	82.74, -5.12, 13.80
CIElCh	83, 14.724, 110.363
Yxy	61.6724, 0.3319, 0.3621
Android (android.graphics.Color)	4291809460 (0xFFCFD0B4)
YUV	204.5090, -12.0829, 2.1846
Hunter-Lab	78.5318, -8.9485, 15.6342

Details

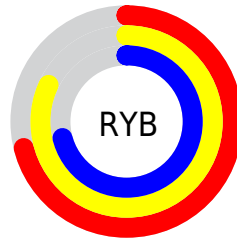
The XYZ color **56.5262, 61.6724, 52.1047** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **46.7648, 47.0220, 66.2892**, and the grayscale version is **57.7885, 60.7980, 66.2090**.

A 20% lighter version of the original color is **92.1403, 98.8361, 93.5778**, and **28.5232, 31.4158, 24.6392** is the 20% darker color. If you saturate the color by 10%, you get **54.3570, 60.7827, 41.7598**, and if you desaturate by 10%, it is **59.0177, 62.6952, 64.1272**.

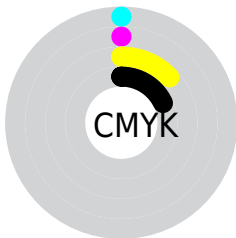
Distribution



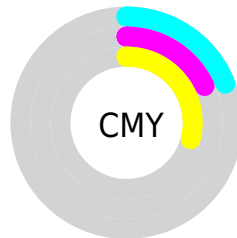
- Red (81%)
- Green (82%)
- Blue (71%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (13%)
- Black (18%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.5262, 61.6724, 52.1047 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 56.5262, 61.6724, 52.1047 by changing the saturation by 10% instead.

■ 56.5262, 61.6724,
52.1047

■ 56.5262, 61.6724,
52.1047

401.7145,
430.7351, 411.8091

■ 40.8636, 44.7680,
36.7057

■ 98.9089, 107.2519,
94.7138

■ 28.3997, 31.2748,
24.6857

126.3597,
136.6959, 122.7610

■ 18.7692, 20.8082,
15.6262

158.4706,
171.0885, 155.8613

■ 11.6066, 12.9838,
9.1085

195.6070,
210.8141, 194.4333

■ 6.5467, 7.4174,
4.7143

238.1342,
256.2572, 238.8956

■ 3.2241, 3.7245,
2.0248

286.4177,

■ 1.2733, 1.5207,

307.8022, 289.6666

0.5705

340.8226,
365.8333, 347.1649

■ 0.1631, 0.3032,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.5262, 61.6724,
52.1047

■ 56.5262, 61.6724,
52.1047

■ 54.3570, 60.7827,
41.7598

■ 59.0177, 62.6952,
64.1272

■ 52.4911, 60.0125,
33.0141


■ 61.8399, 63.8483,
77.8930


■ 50.9149, 59.3582,
25.7890


■ 65.0069, 65.1395,
93.4691


■ 49.6119, 58.8133,
19.9976


■ 67.1811, 66.0336,
103.8127


 48.5640, 58.3706,
15.5444


 67.3940, 66.1434,
103.8226


 47.7509, 58.0219,
12.3220


 67.6079, 66.2536,
103.8327


 47.1490, 57.7578,
10.2070

 67.8227, 66.3644,
103.8427

 46.7299, 57.5669,
9.0499

 68.0386, 66.4757,
103.8528

 46.5225, 57.4688,
8.6406

 68.2554, 66.5875,
103.8630

Harmonies

Analogous

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



59.6422, 61.6724, 51.3961



56.5262, 61.6724, 52.1047



54.0563, 61.6724, 56.6378

Triad

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



56.5262, 61.6724, 52.1047



54.8218, 61.6724, 81.4822



64.8226, 61.6724, 70.1101

Complementary

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



56.5262, 61.6724, 52.1047



46.7648, 47.0220, 66.2892

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.



63.4288, 61.6724, 78.8902



56.5262, 61.6724, 52.1047



57.6052, 61.6724, 85.8348

Square

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



56.5262, 61.6724, 52.1047



53.0971, 61.6724, 73.3978



60.7603, 61.6724, 84.8458



64.5084, 61.6724, 61.2686

Rectangle

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



56.5262, 61.6724, 52.1047



53.0725, 61.6724, 61.4639



60.7603, 61.6724, 84.8458



64.5365, 61.6724, 73.1780

Sweetspot

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



56.5279, 61.6751, 52.1060



93.3165, 99.2910, 100.4730



50.7629, 49.7273, 50.1037



19.9058, 21.2247, 21.1770



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.



56.5279, 61.6751, 52.1060



88.6269, 97.3688, 77.8753



52.8056, 59.7562, 51.9318



12.7598, 13.7751, 12.5984



29.0121, 35.8252, 5.3859



1.6355, 2.0100, 0.3018

Inverse Universe

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



46.7648, 47.0220, 66.2892



70.3667, 69.9621, 104.4031



50.1967, 48.7912, 66.4498



11.2023, 11.4376, 14.8609



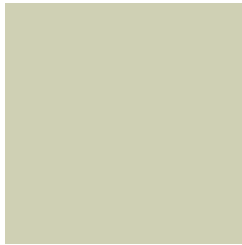
7.1714, 2.8773, 37.3699



0.4151, 0.1681, 2.0901

Previews

White Background



This preview shows how the XYZ color 56.5262, 61.6724, 52.1047 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 56.5262, 61.6724, 52.1047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

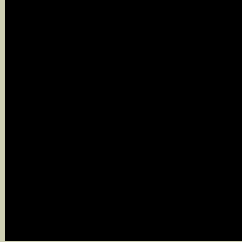
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

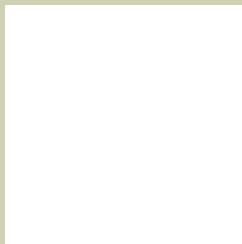
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.5262, 61.6724, 52.1047

Background



This preview shows how black text looks on a background with the XYZ color 56.5262, 61.6724, 52.1047.



This preview shows how white text looks on a background with the XYZ color 56.5262, 61.6724,

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

56.5262, 61.6724, 52.1047

Protanopia

58.2869, 61.5162, 51.4496

Deuteranopia

62.5693, 61.2580, 52.7822



Tritanopia

61.1622, 61.7709, 75.0290

Trichromacy



Original Color

56.5262, 61.6724, 52.1047

Protanomaly

57.6486, 61.5434, 51.4885

Deuteranomaly

60.2015, 61.4245, 52.3992

Tritanomaly

59.3087, 61.7239, 65.9147

Monochromacy



Original Color

56.5262, 61.6724, 52.1047

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.4887, 61.2499, 61.0170

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.5262, 61.6724, 52.1047 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(207, 208, 180)` looks like.

```
.text, #text, p{  
    color:rgb(207, 208, 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(207, 208, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 208, 180) }
```

Border

The CSS property to change the border of an element to XYZ 56.5262, 61.6724, 52.1047 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(207, 208, 180) }
```


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

```
.border{ border-color:rgb(207, 208, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 208, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 208, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 208, 180);  
box-shadow:4px 4px 4px 4px rgb(207, 208,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 56.5262, 61.6724, 52.1047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 208, 180) }
```

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

```
.background{ background-color: rgb(207,  
208, 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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