

Converting Colors

XYZ(56.6521, 62.3509, 47.5407)

Have a look what the booklet for
XYZ(56.6521, 62.3509, 47.5407)
contains.

XYZ(56.4456, 62.0965, 47.5389)	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(56.4456, 62.0965,
47.5389)**

Conversions

Conversions Part 1

Format	Color
Hex	D1D1AB
RGB	209, 209, 171
RGB Percent	82%, 82%, 67%
CMY	0.1804, 0.1804, 0.3294
CMYK	0.00, 0.00, 0.18, 0.18
HSL	60°, 29%, 75%
HSV	60°, 18%, 82%
XYZ	56.4456, 62.0965, 47.5389
YIQ	204.6680, 12.1980, -11.8180

Conversions

Conversions Part 2

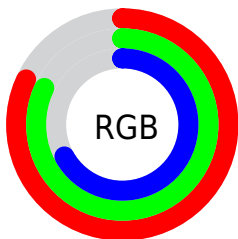
Format	Color
RYB	171, 209, 171
Decimal	13750699
CIELab	82.96, -6.30, 18.90
CIELCh	83, 19.924, 108.423
Yxy	62.0965, 0.3399, 0.3739
Android (android.graphics.Color)	4291940779 (0xFFD1D1AB)
YUV	204.6680, -16.5983, 3.7992
Hunter-Lab	78.8013, -10.0423, 19.3927

Details

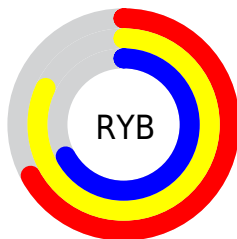
The XYZ color **56.4456, 62.0965, 47.5389** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **42.8686, 42.3889, 66.2475**, and the grayscale version is **57.9154, 60.9315, 66.3544**.

A 20% lighter version of the original color is **90.7275, 98.2710, 86.1379**, and **28.3775, 31.6446, 22.0651** is the 20% darker color. If you saturate the color by 10%, you get **54.6088, 61.3638, 37.8631**, and if you desaturate by 10%, it is **58.6007, 62.9607, 58.8765**.

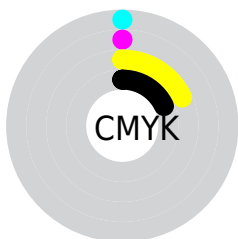
Distribution



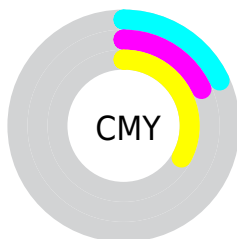
- Red (82%)
- Green (82%)
- Blue (67%)



- Red (67%)
- Yellow (82%)
- Blue (67%)



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



- Cyan (18%)
- Magenta (18%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.4456, 62.0965, 47.5389 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 56.4456, 62.0965, 47.5389 by changing the saturation by 10% instead.

■ 56.4456, 62.0965,
47.5389

■ 56.4456, 62.0965,
47.5389

401.4165,
432.2830, 393.4174

■ 40.7987, 45.1107,
33.1045

■ 98.7918, 107.8650,
87.8759

■ 28.3488, 31.5446,
21.9347

126.2219,
137.4164, 114.6155

■ 18.7306, 21.0139,
13.6111

158.3103,
171.9252, 146.2939

■ 11.5786, 13.1342,
7.7150

195.4226,
211.7758, 183.3297

■ 6.5276, 7.5210,
3.8280

237.9240,
257.3524, 226.1415

■ 3.2121, 3.7900,
1.5315

286.1798,

■ 1.2669, 1.5568,

309.0396, 275.1476

0.2412

340.5556,
367.2216, 330.7667

■ 0.1582, 0.3282,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.4456, 62.0965,
47.5389

■ 56.4456, 62.0965,
47.5389

■ 54.6088, 61.3638,
37.8631

■ 58.6007, 62.9607,
58.8765

■ 53.0707, 60.7484,
29.7674

■ 61.0831, 63.9538,
71.9445

■ 51.8169, 60.2468,
23.1690

■ 63.9074, 65.0836,
86.8128

■ 50.8300, 59.8520,
17.9762

■ 67.0857, 66.3550,
103.5458

■ 50.0907, 59.5562,
14.0872

■ 67.1502, 66.3809,
103.8813

■ 49.5771, 59.3507,
11.3863

■ 67.1510, 66.3813,
103.8814

■ 49.2633, 59.2250,
9.7378

■ 67.1517, 66.3817,
103.8814

■ 49.1111, 59.1641,
8.9404

■ 67.1525, 66.3821,
103.8814

■ 49.0901, 59.1557,
8.8309

■ 67.1532, 66.3824,
103.8815

Harmonies

Analogous

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



60.6961, 62.0965, 46.9624



56.4456, 62.0965, 47.5389



53.0479, 62.0965, 53.0811

Triad

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



56.4456, 62.0965, 47.5389



53.7010, 62.0965, 86.9233



67.4991, 62.0965, 72.4779

Complementary

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



56.4456, 62.0965, 47.5389



42.8686, 42.3889, 66.2475

Split Complementary

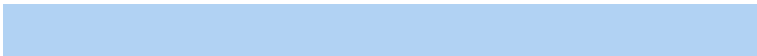
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



65.4262, 62.0965, 84.5799



56.4456, 62.0965, 47.5389



57.3767, 62.0965, 93.5713

Square

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



56.4456, 62.0965, 47.5389



51.5171, 62.0965, 75.3775



61.6733, 62.0965, 92.6650



67.2200, 62.0965, 60.4001

Rectangle

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



56.4456, 62.0965, 47.5389



51.6594, 62.0965, 59.2711



61.6733, 62.0965, 92.6650



67.0504, 62.0965, 76.7020

Sweetspot

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



56.4472, 62.0993, 47.5402



93.0640, 99.2055, 98.4450



48.2101, 45.6229, 44.7941



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.



56.4472, 62.0993, 47.5402



87.2945, 96.8975, 68.0742



51.3887, 59.4915, 47.3035



12.8033, 13.7976, 12.6004



30.2659, 36.4716, 5.4445



1.6923, 2.0393, 0.3044

Inverse Universe

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



42.8686, 42.3889, 66.2475



61.9790, 60.1503, 102.9513



47.3086, 44.6778, 66.4553



11.1639, 11.4178, 14.8591



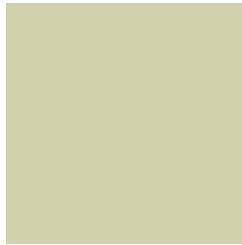
7.0961, 2.8385, 37.3664



0.3968, 0.1587, 2.0893

Previews

White Background



This preview shows how the XYZ color 56.4456, 62.0965, 47.5389 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 56.4456, 62.0965, 47.5389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

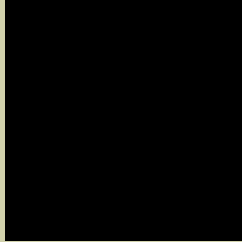
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

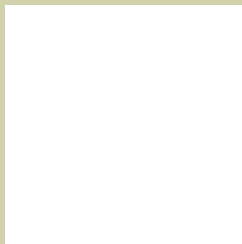
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.4456, 62.0965, 47.5389

Background



This preview shows how black text looks on a background with the XYZ color 56.4456, 62.0965, 47.5389.



This preview shows how white text looks on a background with the XYZ color 56.4456, 62.0965,

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

56.4456, 62.0965, 47.5389

Protanopia

58.2404, 61.9503, 46.9182

Deuteranopia

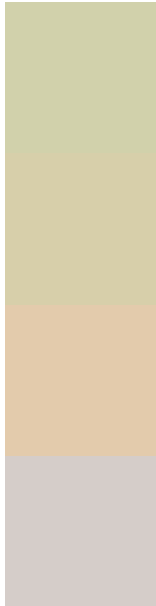
63.2261, 62.0411, 48.1779



Tritanopia

61.7998, 61.7501, 74.9914

Trichromacy



Original Color

56.4456, 62.0965, 47.5389

Protanomaly

57.5929, 61.9750, 46.9571

Deuteranomaly

60.4809, 62.0213, 47.8134

Tritanomaly

59.8145, 62.0258, 64.0780

Monochromacy



Original Color

56.4456, 62.0965, 47.5389

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.1505, 61.1147, 59.2362

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.4456, 62.0965, 47.5389 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(209, 209, 171)` looks like.

```
.text, #text, p{  
    color:rgb(209, 209, 171)  
}
```

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(209, 209, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 209, 171) }
```

Border

The CSS property to change the border of an element to XYZ 56.4456, 62.0965, 47.5389 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(209, 209, 171) }
```


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

```
.border{ border-color:rgb(209, 209, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 209, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 209, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 209, 171);  
box-shadow:4px 4px 4px 4px rgb(209, 209,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 56.4456, 62.0965, 47.5389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 209, 171) }
```

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

```
.background{ background-color: rgb(209,  
209, 171) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor