

Converting Colors

XYZ(56.6692, 58.4711, 44.3278)

Have a look what the booklet for
XYZ(56.6692, 58.4711, 44.3278)
contains.

XYZ(56.5922, 58.3570, 44.3577)	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(56.5922, 58.3570,
44.3577)**

Conversions

Conversions Part 1

Format	Color
Hex	DCC6A6
RGB	220, 198, 166
RGB Percent	86%, 78%, 65%
CMY	0.1373, 0.2235, 0.3490
CMYK	0.00, 0.10, 0.25, 0.14
HSL	36°, 44%, 76%
HSV	36°, 25%, 86%
XYZ	56.5922, 58.3570, 44.3577
YIQ	200.9300, 23.3840, -5.2880

Conversions

Conversions Part 2

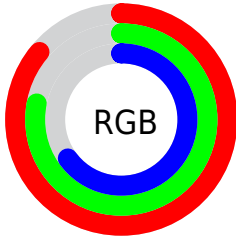
Format	Color
R _Y B	203, 220, 166
Decimal	14468774
CIE Lab	80.94, 2.81, 18.87
CIE LCh	81, 19.077, 81.537
Yxy	58.3570, 0.3552, 0.3663
Android (android.graphics.Color)	4292658854 (0xFFDCC6A6)
YUV	200.9300, -17.2205, 16.7244
Hunter-Lab	76.3918, -1.4500, 19.0468

Details

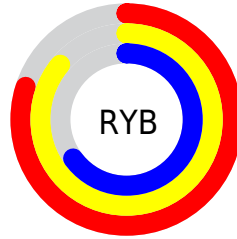
The XYZ color **56.5922, 58.3570, 44.3577** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **46.6270, 49.2394, 74.7570**, and the grayscale version is **55.5684, 58.4623, 63.6655**.

A 20% lighter version of the original color is **90.0511, 98.0005, 82.5764**, and **28.3204, 29.0539, 20.0349** is the 20% darker color. If you saturate the color by 10%, you get **52.7566, 53.6437, 33.9599**, and if you desaturate by 10%, it is **60.8973, 63.4561, 56.6165**.

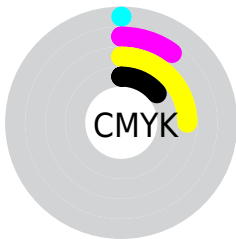
Distribution



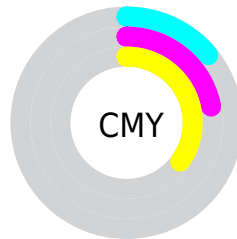
- Red (86%)
- Green (78%)
- Blue (65%)



- Red (80%)
- Yellow (86%)
- Blue (65%)



- Cyan (0%)
- Magenta (10%)
- Yellow (25%)
- Black (14%)





- Cyan (14%)
- Magenta (22%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.5922, 58.3570, 44.3577 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 56.5922, 58.3570, 44.3577 by changing the saturation by 10% instead.


 56.5922, 58.3570,
44.3577


 56.5922, 58.3570,
44.3577


401.9584,
418.5149, 380.2500

 40.9168, 42.0957,
30.6126


 99.0047, 102.4426,
83.0639

 28.4415, 29.1763,
20.0480


 126.4725,
131.0356, 108.8621

 18.8008, 19.2142,
12.2455

158.6018,
164.5081, 139.5150

 11.6296, 11.8252,
6.7866

195.7580,
203.2443, 175.4413

 6.5624, 6.6247,
3.2526

238.3064,
247.6287, 217.0593

 3.2338, 3.2285,
1.2250

286.6123,

 1.2786, 1.2522,

298.0457, 264.7878

0.0000

341.0412,
354.8796, 319.0451

■ 0.1671, 0.1037,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.5922, 58.3570,
44.3577

■ 56.5922, 58.3570,
44.3577

■ 52.7566, 53.6437,
33.9599

■ 60.8973, 63.4561,
56.6165

■ 49.3664, 49.2971,
25.3263

■ 65.6857, 68.9436,
70.8193

■ 46.4017, 45.3079,
18.3567

■ 70.9762, 74.8323,
87.0485

■ 43.8393, 41.6633,
12.9393

■ 76.7850, 81.1317,
105.3804

■ 41.6532, 38.3493,
8.9484

■ 79.5593, 86.4237,
107.0960

■ 39.8136, 35.3503,
6.2384

■ 82.3041, 91.9133,
108.0109

■ 38.2845, 32.6479,
4.6317

■ 83.3253, 93.9557,
108.3513

■ 37.5499, 31.2849,
4.0595

Harmonies

Analogous

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



60.3277, 58.3570, 47.9811



56.5922, 58.3570, 44.3577



52.7240, 58.3570, 45.3744

Triad

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



56.5922, 58.3570, 44.3577



48.6955, 58.3570, 71.8679



61.6307, 58.3570, 78.0584

Complementary

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



56.5922, 58.3570, 44.3577



46.6270, 49.2394, 74.7570

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.



58.3026, 58.3570, 86.0050



56.5922, 58.3570, 44.3577



50.8739, 58.3570, 82.1460

Square

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



56.5922, 58.3570, 44.3577



48.2861, 58.3570, 60.3922



54.3560, 58.3570, 87.5836



63.3257, 58.3570, 66.7971

Rectangle

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



56.5922, 58.3570, 44.3577



50.5797, 58.3570, 48.6060



54.3560, 58.3570, 87.5836



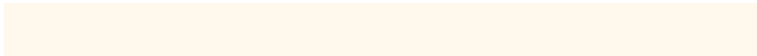
60.6585, 58.3570, 81.2588

Sweetspot

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



56.5937, 58.3596, 44.3589



90.0322, 94.3517, 93.7022



52.2830, 46.1412, 54.0112



19.1815, 20.0937, 19.7897



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.



56.5937, 58.3596, 44.3589



76.4781, 78.3831, 54.8416



60.6479, 68.4627, 46.0953



13.6943, 14.3281, 13.7694



22.1497, 18.5849, 2.4198



1.5188, 1.3718, 0.1847

Inverse Universe

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



46.6270, 49.2394, 74.7570



60.4546, 63.7235, 103.7213



43.2410, 41.0424, 73.3533



12.7720, 13.4837, 16.5816



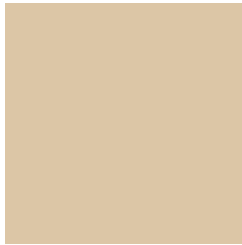
9.8113, 7.4921, 40.6674



0.7189, 0.6520, 2.6624

Previews

White Background



This preview shows how the XYZ color 56.5922, 58.3570, 44.3577 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 56.5922, 58.3570, 44.3577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

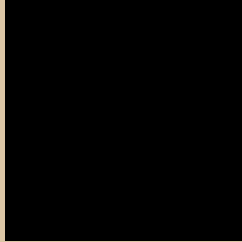
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.5922, 58.3570, 44.3577

Background



This preview shows how black text looks on a background with the XYZ color 56.5922, 58.3570, 44.3577.



This preview shows how white text looks on a background with the XYZ color 56.5922, 58.3570,

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

56.5922, 58.3570, 44.3577

Protanopia

55.0131, 58.5604, 44.9630

Deuteranopia

59.3237, 58.0858, 44.6442



Tritanopia

61.1635, 58.2118, 67.0438

Trichromacy



Original Color

56.5922, 58.3570, 44.3577

Protanomaly

55.6537, 58.5456, 44.9264

Deuteranomaly

58.4851, 58.3142, 44.7325

Tritanomaly

59.2376, 58.0773, 57.9571

Monochromacy



Original Color

56.5922, 58.3570, 44.3577

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.7438, 58.3493, 55.9015

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.5922, 58.3570, 44.3577 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(220, 198, 166)` looks like.

```
.text, #text, p{  
    color:rgb(220, 198, 166)  
}
```

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(220, 198, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 198, 166) }
```

Border

The CSS property to change the border of an element to XYZ 56.5922, 58.3570, 44.3577 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(220, 198, 166) }
```


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

```
.border{ border-color:rgb(220, 198, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 198, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 198, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 198, 166);  
box-shadow:4px 4px 4px 4px rgb(220, 198,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 56.5922, 58.3570, 44.3577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 198, 166) }
```

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

```
.background{ background-color: rgb(220,  
198, 166) }
```

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