

Converting Colors

XYZ(38.5259, 33.3741, 25.6221)

Have a look what the booklet for
XYZ(38.5259, 33.3741, 25.6221)
contains.

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Color

**XYZ(38.5842, 33.3470,
25.5221)**

Conversions

Conversions Part 1

Format	Color
Hex	CD8C82
RGB	205, 140, 130
RGB Percent	80%, 55%, 51%
CMY	0.1961, 0.4510, 0.4902
CMYK	0.00, 0.32, 0.37, 0.20
HSL	8°, 43%, 66%
HSV	8°, 37%, 80%
XYZ	38.5842, 33.3470, 25.5221
YIQ	158.2950, 41.9500, 10.6700

Conversions

Conversions Part 2

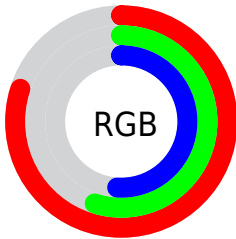
Format	Color
R _Y B	205, 142, 130
Decimal	13470850
CIE Lab	64.44, 23.49, 15.38
CIE LCh	64, 28.077, 33.206
Yxy	33.3470, 0.3959, 0.3422
Android (android.graphics.Color)	4291660930 (0xFFCD8C82)
YUV	158.2950, -13.9494, 40.9603
Hunter-Lab	57.7469, 18.2097, 14.2187

Details

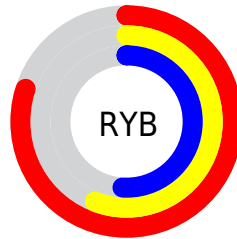
The XYZ color **38.5842, 33.3470, 25.5221** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.7397, 48.1821, 64.9632**, and the grayscale version is **32.6821, 34.3841, 37.4443**.

A 20% lighter version of the original color is **69.0790, 63.2625, 53.3698**, and **17.4520, 14.1284, 9.5918** is the 20% darker color. If you saturate the color by 10%, you get **34.9533, 28.0721, 18.1861**, and if you desaturate by 10%, it is **42.9101, 39.5729, 34.4429**.

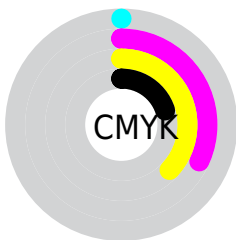
Distribution



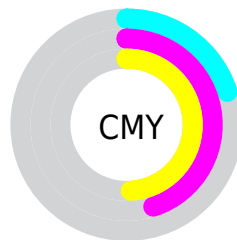
- Red (80%)
- Green (55%)
- Blue (51%)



- Red (80%)
- Yellow (56%)
- Blue (51%)



- Cyan (0%)
- Magenta (32%)
- Yellow (37%)
- Black (20%)





- Cyan (20%)
- Magenta (45%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.5842, 33.3470, 25.5221 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 38.5842, 33.3470, 25.5221 by changing the saturation by 10% instead.


 38.5842, 33.3470,
25.5221


 38.5842, 33.3470,
25.5221


331.3571,
317.2104, 293.9586


 26.6157, 22.3924,
16.2439


 72.3008, 64.9169,
53.4775

 17.4199, 14.1455,
9.5407


 94.7797, 86.3010,
72.9919

 10.6315, 8.2219,
4.9939


 121.4926,
111.9304, 96.7554

 5.8851, 4.2373,
2.1850

152.8051,
142.1895, 125.1865

 2.8153, 1.8072,
0.6657

189.0824,
177.4626, 158.7039

 1.0569, 0.4916,
0.0000

230.6900,

 0.0000, 0.0000,

218.1342, 197.7260

0.0000

277.9931,
264.5887, 242.6714

■ 38.5842, 33.3470,
25.5221

■ 38.5842, 33.3470,
25.5221

■ 34.9533, 28.0721,
18.1861

■ 42.9101, 39.5729,
34.4429

■ 31.9783, 23.6968,
12.3399

■ 47.9622, 46.7886,
45.0319

■ 29.6203, 20.1720,
7.8818

■ 53.7729, 55.0363,
57.3688

■ 27.8350, 17.4418,
4.6960

■ 60.3717, 64.3546,
71.5279

■ 26.5722, 15.4438,
2.6480

■ 67.7867, 74.7800,
87.5789

■ 25.7706, 14.1052,
1.5654

■ 76.0447, 86.3472,
105.5882

■ 25.5768, 13.7789,
1.3116

■ 78.9869, 91.7192,
108.1483

Harmonies

Analogous

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



40.0214, 33.3470, 35.0900



38.5842, 33.3470, 25.5221



35.2946, 33.3470, 19.9680

Triad

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



38.5842, 33.3470, 25.5221



25.3071, 33.3470, 27.2481



32.1279, 33.3470, 63.0765

Complementary

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



38.5842, 33.3470, 25.5221



39.7397, 48.1821, 64.9632

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.



28.3495, 33.3470, 59.7645



38.5842, 33.3470, 25.5221



24.6124, 33.3470, 37.5564

Square

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



38.5842, 33.3470, 25.5221



27.6628, 33.3470, 20.8072



25.6795, 33.3470, 49.7741



36.1019, 33.3470, 58.0619

Rectangle

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



38.5842, 33.3470, 25.5221



32.6150, 33.3470, 18.5192



25.6795, 33.3470, 49.7741



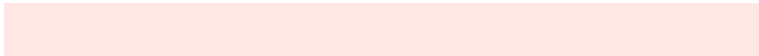
30.7931, 33.3470, 62.9027

Sweetspot

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



38.5851, 33.3486, 25.5228



83.5879, 83.7826, 84.4030



43.0100, 32.8849, 55.7104



17.6125, 17.5372, 17.4740



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.



38.5851, 33.3486, 25.5228



58.3698, 47.6112, 32.0207



45.0274, 46.2333, 27.6702



11.3310, 11.4509, 11.6925



15.9625, 8.6580, 0.8298



0.8640, 0.5276, 0.0563

Inverse Universe

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



39.7397, 48.1821, 64.9632



60.5131, 75.3817, 105.9685



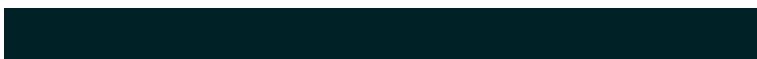
32.3674, 33.4374, 62.5058



11.4107, 12.4618, 14.3743



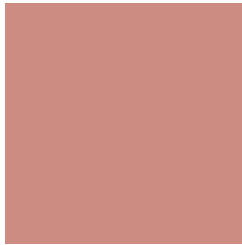
16.7789, 22.5818, 39.4306



0.9019, 1.2375, 2.0463

Previews

White Background



This preview shows how the XYZ color 38.5842, 33.3470, 25.5221 looks on a white background.

Color Contrast Check

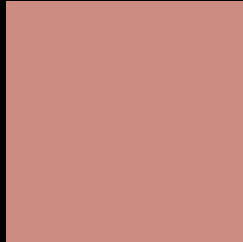
Large Text (above 18pt) WCAG AA × Fail

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 38.5842, 33.3470, 25.5221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

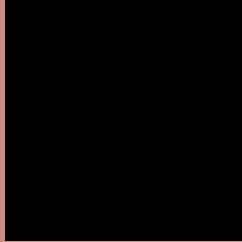
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.5842, 33.3470, 25.5221

Background



This preview shows how black text looks on a background with the XYZ color 38.5842, 33.3470, 25.5221.



This preview shows how white text looks on a background with the XYZ color 38.5842, 33.3470,

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

38.5842, 33.3470, 25.5221

Protanopia

31.7858, 33.5044, 28.8365

Deuteranopia

34.2543, 33.6368, 25.1092



Tritanopia

40.0231, 33.2948, 32.3341

Trichromacy



Original Color

38.5842, 33.3470, 25.5221

Protanomaly

33.8699, 33.1457, 27.5343

Deuteranomaly

35.6314, 33.3996, 25.3377

Tritanomaly

39.3498, 33.2219, 29.5378

Monochromacy



Original Color

38.5842, 33.3470, 25.5221

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

34.0911, 33.3853, 32.6642

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.5842, 33.3470, 25.5221 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(205, 140, 130)` looks like.

```
.text, #text, p{  
    color:rgb(205, 140, 130)  
}
```

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(205, 140, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 140, 130) }
```

Border

The CSS property to change the border of an element to XYZ 38.5842, 33.3470, 25.5221 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(205, 140, 130) }
```


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

```
.border{ border-color:rgb(205, 140, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 140, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 140, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 140, 130);  
box-shadow:4px 4px 4px 4px rgb(205, 140,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 38.5842, 33.3470, 25.5221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 140, 130) }
```

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

```
.background{ background-color: rgb(205,  
140, 130) }
```

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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