

Converting Colors

XYZ(35.3455, 35.3070, 25.2023)

Have a look what the booklet for
XYZ(35.3455, 35.3070, 25.2023)
contains.

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Color

**XYZ(35.5519, 35.5258,
25.4055)**

Conversions

Conversions Part 1

Format	Color
Hex	B89C80
RGB	184, 156, 128
RGB Percent	72%, 61%, 50%
CMY	0.2784, 0.3882, 0.4980
CMYK	0.00, 0.15, 0.30, 0.28
HSL	30°, 28%, 61%
HSV	30°, 30%, 72%
XYZ	35.5519, 35.5258, 25.4055
YIQ	161.1800, 25.6760, -2.7720

Conversions

Conversions Part 2

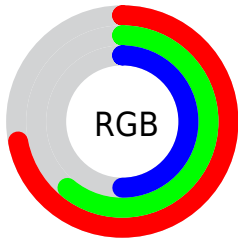
Format	Color
RYB	184, 184, 128
Decimal	12098688
CIELab	66.16, 6.14, 18.52
CIElCh	66, 19.511, 71.672
Yxy	35.5258, 0.3685, 0.3682
Android (android.graphics.Color)	4290288768 (0xFFB89C80)
YUV	161.1800, -16.3577, 20.0131
Hunter-Lab	59.6035, 2.1643, 16.4506

Details

The XYZ color **35.5519, 35.5258, 25.4055** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **29.4420, 31.8259, 49.9387**, and the grayscale version is **34.0261, 35.7981, 38.9841**.

A 20% lighter version of the original color is **67.6627, 68.1302, 53.3003**, and **15.6688, 15.4135, 9.5464** is the 20% darker color. If you saturate the color by 10%, you get **32.9636, 32.1147, 19.0997**, and if you desaturate by 10%, it is **38.4786, 39.2619, 32.9084**.

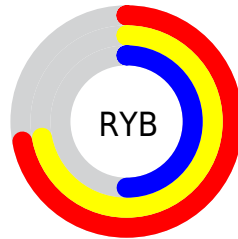
Distribution



Red (72%)

Green (61%)

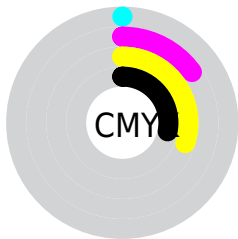
Blue (50%)



Red (72%)

Yellow (72%)

Blue (50%)

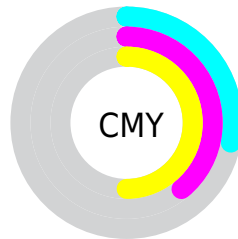


Cyan (0%)

Magenta (15%)

Yellow (30%)

Black (28%)



Cyan (28%)


Magenta (39%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.5519, 35.5258, 25.4055 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 35.5519, 35.5258, 25.4055 by changing the saturation by 10% instead.


 35.5519, 35.5258,
25.4055


 35.5519, 35.5258,
25.4055


318.4632,
326.8831, 293.3634


 24.2568, 24.0682,
16.1577


 67.6683, 68.2995,
53.2866

 15.6500, 15.3842,
9.4802

 89.2203, 90.3844,
72.7569

 9.3661, 9.0895,
4.9547


 114.9220,
116.7805, 96.4717

 5.0398, 4.7996,
2.1624

145.1387,
147.8722, 124.8497

 2.3056, 2.1302,
0.6525

180.2359,
184.0440, 158.3093

 0.7975, 0.6815,
0.0000

220.5788,

 0.0000, 0.0000,

225.6801, 197.2691

0.0000

266.5328,
273.1650, 242.1476

■ 35.5519, 35.5258,
25.4055

■ 35.5519, 35.5258,
25.4055

■ 32.9636, 32.1147,
19.0997

■ 38.4786, 39.2619,
32.9084

■ 30.6965, 29.0137,
13.9255

■ 41.7545, 43.3275,
41.6650

■ 28.7358, 26.2139,
9.8141


■ 45.3931, 47.7330,
51.7307


■ 27.0643, 23.7042,
6.6886


■ 49.4064, 52.4871,
63.1571

■ 25.6628, 21.4720,
4.4611


■ 53.8058, 57.5980,
75.9928


 24.5086, 19.5037,
3.0282

 58.6021, 63.0735,
90.2843

 23.5955, 17.8469,
2.2012

 63.5143, 68.8047,
104.5408

 66.0012, 73.7784,
105.3698

 68.6231, 79.0222,
106.2437

Harmonies

Analogous

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



38.1092, 35.5258, 28.9976



35.5519, 35.5258, 25.4055



32.6496, 35.5258, 25.0443

Triad

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



35.5519, 35.5258, 25.4055



28.5899, 35.5258, 42.0063



37.6146, 35.5258, 51.8921

Complementary

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



35.5519, 35.5258, 25.4055



29.4420, 31.8259, 49.9387

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.



34.9080, 35.5258, 56.5422



35.5519, 35.5258, 25.4055



29.7664, 35.5258, 50.3121

Square

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



35.5519, 35.5258, 25.4055



28.7403, 35.5258, 33.8696



32.0413, 35.5258, 55.9257



39.3463, 35.5258, 43.9289

Rectangle

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



35.5519, 35.5258, 25.4055



30.9197, 35.5258, 26.6101



32.0413, 35.5258, 55.9257



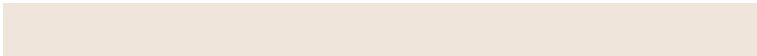
36.7823, 35.5258, 53.9426

Sweetspot

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



35.5528, 35.5274, 25.4062



76.5007, 79.5330, 77.7362



33.4874, 28.0294, 35.0981



16.2954, 16.9051, 16.2222



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



35.5528, 35.5274, 25.4062



61.0165, 59.9001, 37.6288



40.8041, 46.0299, 27.1566



9.3657, 9.7343, 9.4922



16.3326, 12.4415, 1.5406



0.6377, 0.5624, 0.0749

Inverse Universe

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



29.4420, 31.8259, 49.9387



48.0416, 52.0407, 89.7174



25.2734, 23.4887, 48.5492



8.8820, 9.4413, 11.4337



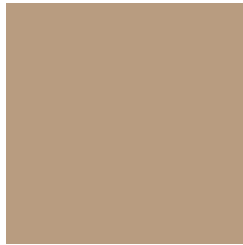
8.6703, 7.8004, 32.3017



0.3675, 0.3988, 1.1593

Previews

White Background



This preview shows how the XYZ color 35.5519, 35.5258, 25.4055 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 35.5519, 35.5258, 25.4055 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 35.5519, 35.5258, 25.4055

Background



This preview shows how black text looks on a background with the XYZ color 35.5519, 35.5258, 25.4055.



This preview shows how white text looks on a background with the XYZ color 35.5519, 35.5258,

25.4055.

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

35.5519, 35.5258, 25.4055

Protanopia

33.5687, 35.7594, 26.2521

Deuteranopia

36.3567, 35.6926, 25.3952



Tritanopia

38.4165, 35.4689, 39.4717

Trichromacy



Original Color

35.5519, 35.5258, 25.4055

Protanomaly

34.2651, 35.6114, 25.8366

Deuteranomaly

36.1111, 35.5660, 25.3837

Tritanomaly

37.3898, 35.5493, 33.7452

Monochromacy



Original Color

35.5519, 35.5258, 25.4055

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.1851, 35.4012, 33.4651

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5519, 35.5258, 25.4055 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(184, 156, 128)` looks like.

```
.text, #text, p{  
    color:rgb(184, 156, 128)  
}
```

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(184, 156, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 156, 128) }
```

Border

The CSS property to change the border of an element to XYZ 35.5519, 35.5258, 25.4055 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(184, 156, 128) }
```


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

```
.border{ border-color:rgb(184, 156, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 156, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 156, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 156, 128);  
box-shadow:4px 4px 4px 4px rgb(184, 156,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5519, 35.5258, 25.4055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 156, 128) }
```

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

```
.background{ background-color: rgb(184,  
156, 128) }
```

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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