

Converting Colors

XYZ(35.7817, 35.5222, 25.7409)

Have a look what the booklet for
XYZ(35.7817, 35.5222, 25.7409)
contains.

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Color

**XYZ(35.8585, 35.6762,
25.7651)**

Conversions

Conversions Part 1

Format	Color
Hex	B99C81
RGB	185, 156, 129
RGB Percent	73%, 61%, 51%
CMY	0.2745, 0.3882, 0.4941
CMYK	0.00, 0.16, 0.30, 0.27
HSL	29°, 29%, 62%
HSV	29°, 30%, 73%
XYZ	35.8585, 35.6762, 25.7651
YIQ	161.5930, 25.9510, -2.2490

Conversions

Conversions Part 2

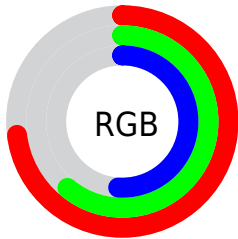
Format	Color
R _Y B	185, 181, 129
Decimal	12164225
CIE Lab	66.27, 6.67, 18.14
CIE LCh	66, 19.330, 69.817
Yxy	35.6762, 0.3685, 0.3667
Android (android.graphics.Color)	4290354305 (0xFFB99C81)
YUV	161.5930, -16.0683, 20.5279
Hunter-Lab	59.7296, 2.6353, 16.2352

Details

The XYZ color **35.8585, 35.6762, 25.7651** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **30.0367, 32.6226, 50.6128**, and the grayscale version is **34.2173, 35.9993, 39.2032**.

A 20% lighter version of the original color is **68.1080, 68.3478, 53.8587**, and **15.8596, 15.5076, 9.7468** is the 20% darker color. If you saturate the color by 10%, you get **33.1941, 32.1403, 19.3495**, and if you desaturate by 10%, it is **38.8742, 39.5580, 33.3970**.

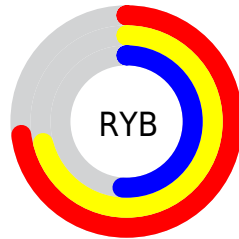
Distribution



Red (73%)

Green (61%)

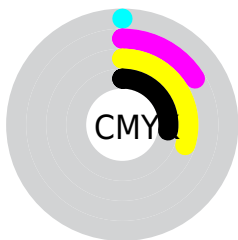
Blue (51%)



Red (73%)

Yellow (71%)

Blue (51%)

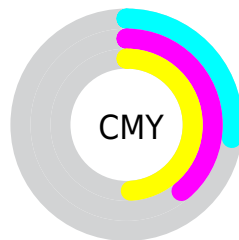


Cyan (0%)

Magenta (16%)

Yellow (30%)

Black (27%)



Cyan (27%)


Magenta (39%)


Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.8585, 35.6762, 25.7651 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 35.8585, 35.6762, 25.7651 by changing the saturation by 10% instead.


 35.8585, 35.6762,
25.7651


 35.8585, 35.6762,
25.7651


319.7837,
327.5431, 295.1958


 24.4945, 24.1842,
16.4238


 68.1389, 68.5320,
53.8752

 15.8276, 15.4703,
9.6669


 89.7861, 90.6646,
73.4810

 9.4923, 9.1501,
5.0760


 115.5917,
117.1129, 97.3455

 5.1233, 4.8392,
2.2324

145.9210,
148.2612, 125.8871

 2.3553, 2.1533,
0.6930

181.1396,
184.4940, 159.5244

 0.8227, 0.6943,
0.0000

221.6126,

 0.0000, 0.0000,

226.1956, 198.6759

0.0000

267.7056,
273.7505, 243.7602

■ 35.8585, 35.6762,
25.7651

■ 35.8585, 35.6762,
25.7651

■ 33.1941, 32.1403,
19.3495

■ 38.8742, 39.5580,
33.3970

■ 30.8633, 28.9348,
14.0838

■ 42.2524, 43.7909,
42.3026

■ 28.8509, 26.0500,
9.8983


■ 46.0070, 48.3861,
52.5380


■ 27.1391, 23.4738,
6.7151


■ 50.1506, 53.3528,
64.1557


■ 25.7079, 21.1930,
4.4452


■ 54.6948, 58.6998,
77.2048

 24.5343, 19.1929,
2.9838

 59.6510, 64.4355,
91.7325

 23.5975, 17.4940,
2.1330

 64.4608, 70.3407,
104.7874

 67.0939, 75.6069,
105.6651

 69.8742, 81.1674,
106.5919

Harmonies

Analogous

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



38.3491, 35.6762, 29.5379



35.8585, 35.6762, 25.7651



32.9725, 35.6762, 25.2044

Triad

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



35.8585, 35.6762, 25.7651



28.7335, 35.6762, 41.6164



37.5852, 35.6762, 52.3643

Complementary

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



35.8585, 35.6762, 25.7651



30.0367, 32.6226, 50.6128

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.



34.8634, 35.6762, 56.6885



35.8585, 35.6762, 25.7651



29.8259, 35.6762, 49.9274

Square

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



35.8585, 35.6762, 25.7651



28.9664, 35.6762, 33.6198



32.0318, 35.6762, 55.7384



39.3845, 35.6762, 44.5860

Rectangle

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



35.8585, 35.6762, 25.7651



31.2260, 35.6762, 26.6319



32.0318, 35.6762, 55.7384



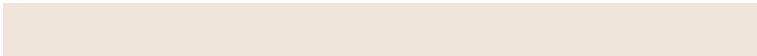
36.7417, 35.6762, 54.3168

Sweetspot

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



35.8594, 35.6778, 25.7658



76.3943, 79.3202, 77.7007



34.1046, 28.5138, 36.4468



16.2690, 16.8524, 16.2135



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.



35.8594, 35.6778, 25.7658



61.1363, 59.8250, 38.6391



40.9312, 45.8214, 27.4564



9.3524, 9.7077, 9.4877



16.1400, 12.0564, 1.4764



0.6310, 0.5491, 0.0727

Inverse Universe

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



30.0367, 32.6226, 50.6128



49.1120, 53.5143, 89.9454



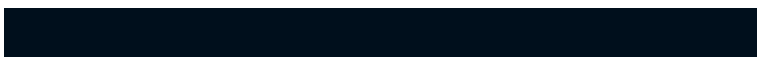
25.9090, 24.3672, 49.2368



8.8954, 9.4680, 11.4381



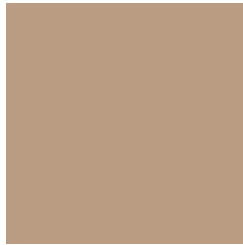
8.8712, 8.2021, 32.3687



0.3744, 0.4124, 1.1616

Previews

White Background



This preview shows how the XYZ color 35.8585, 35.6762, 25.7651 looks on a white background.

Color Contrast Check

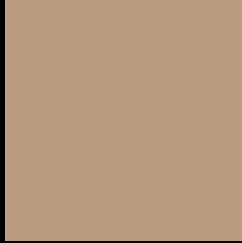
Large Text (above 18pt) WCAG AA × Fail

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 35.8585, 35.6762, 25.7651 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 35.8585, 35.6762, 25.7651

Background



This preview shows how black text looks on a background with the XYZ color 35.8585, 35.6762, 25.7651.



This preview shows how white text looks on a background with the XYZ color 35.8585, 35.6762,

25.7651.

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

35.8585, 35.6762, 25.7651

Protanopia

33.6362, 35.7864, 26.6074

Deuteranopia

36.4228, 35.7190, 25.7437



Tritanopia

38.6637, 35.5964, 39.4833

Trichromacy



Original Color

35.8585, 35.6762, 25.7651

Protanomaly

34.3319, 35.6381, 26.1884

Deuteranomaly

36.1773, 35.5925, 25.7322

Tritanomaly

37.7162, 35.7082, 34.1827

Monochromacy



Original Color

35.8585, 35.6762, 25.7651

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.6534, 35.8897, 33.9551

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.8585, 35.6762, 25.7651 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(185, 156, 129)` looks like.

```
.text, #text, p{  
    color:rgb(185, 156, 129)  
}
```

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(185, 156, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 156, 129) }
```

Border

The CSS property to change the border of an element to XYZ 35.8585, 35.6762, 25.7651 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(185, 156, 129) }
```


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

```
.border{ border-color:rgb(185, 156, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 156, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 156, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 156, 129);  
box-shadow:4px 4px 4px 4px rgb(185, 156,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 35.8585, 35.6762, 25.7651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 156, 129) }
```

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

```
.background{ background-color: rgb(185,  
156, 129) }
```

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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