

Converting Colors

XYZ(35.9456, 25.5969, 14.9277)

Have a look what the booklet for
XYZ(35.9456, 25.5969, 14.9277)
contains.

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Color

**XYZ(35.8177, 25.5532,
14.8488)**

Conversions

Conversions Part 1

Format	Color
Hex	D96863
RGB	217, 104, 99
RGB Percent	85%, 41%, 39%
CMY	0.1490, 0.5921, 0.6118
CMYK	0.00, 0.52, 0.54, 0.15
HSL	3°, 61%, 62%
HSV	3°, 54%, 85%
XYZ	35.8177, 25.5532, 14.8488
YIQ	137.2170, 68.9530, 22.4010

Conversions

Conversions Part 2

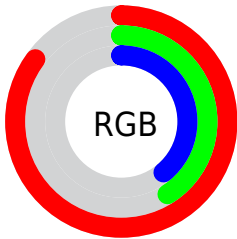
Format	Color
R _Y B	217, 104, 99
Decimal	14248035
CIE Lab	57.61, 43.87, 23.97
CIE LCh	58, 49.987, 28.653
Yxy	25.5532, 0.4699, 0.3353
Android (android.graphics.Color)	4292438115 (0xFFD96863)
YUV	137.2170, -18.8410, 69.9697
Hunter-Lab	50.5502, 38.0147, 17.9691

Details

The XYZ color **35.8177, 25.5532, 14.8488** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **41.2118, 54.7460, 74.0403**, and the grayscale version is **23.9116, 25.1568, 27.3958**.

A 20% lighter version of the original color is **58.9719, 47.9157, 34.9947**, and **15.7525, 9.8720, 4.3241** is the 20% darker color. If you saturate the color by 10%, you get **33.0761, 21.5131, 9.4861**, and if you desaturate by 10%, it is **39.3546, 30.7380, 21.8519**.

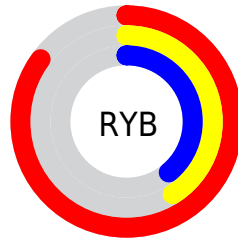
Distribution



Red (85%)

Green (41%)

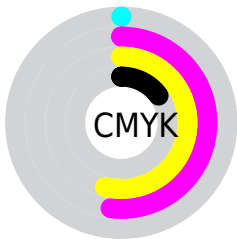
Blue (39%)



Red (85%)

Yellow (41%)

Blue (39%)

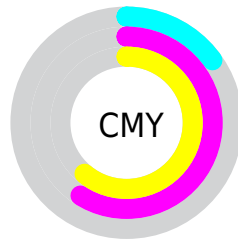


Cyan (0%)

Magenta (52%)

Yellow (54%)

Black (15%)



Cyan (15%)

Magenta (59%)

Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.8177, 25.5532, 14.8488 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 35.8177, 25.5532, 14.8488 by changing the saturation by 10% instead.


 35.8177, 25.5532,
14.8488

 35.8177, 25.5532,
14.8488

319.6082,
280.5818, 234.0584


 24.4629, 16.4897,
8.5679


 68.0763, 52.5533,
35.3263


 15.8039, 9.8713,
4.3675


 89.7108, 71.2586,
50.3599

 9.4755, 5.3137,
1.8290


 115.5026, 93.9467,
69.1482

 5.1122, 2.4325,
0.4470

 145.8170,
121.0019, 92.1097

 2.3487, 0.8425,
0.0000

181.0195,
152.8086, 119.6629

 0.8194, 0.0000,
0.0000

221.4752,

 0.0000, 0.0000,

189.7512, 152.2264

0.0000

267.5497,
232.2142, 190.2187

■ 35.8177, 25.5532,
14.8488

■ 35.8177, 25.5532,
14.8488

■ 33.0761, 21.5131,
9.4861

■ 39.3546, 30.7380,
21.8519

■ 31.0663, 18.5275,
5.6292

■ 43.7398, 37.1408,
30.6127

■ 29.7187, 16.4991,
3.1242

■ 49.0241, 44.8336,
41.2395

■ 28.9489, 15.3110,
1.7838

■ 55.2536, 53.8817,
53.8313

■ 28.7151, 14.9515,
1.3725

■ 62.4713, 64.3459,
68.4802

■ 70.7176, 76.2832,
85.2725

■ 80.0307, 89.7478,
104.2895

■ 82.4251, 93.4916,
108.3092

Harmonies

Analogous

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



37.6659, 25.5532, 28.6028



35.8177, 25.5532, 14.8488



30.7619, 25.5532, 8.1317

Triad

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



35.8177, 25.5532, 14.8488



15.7439, 25.5532, 13.9857



24.0188, 25.5532, 75.3290

Complementary

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



35.8177, 25.5532, 14.8488



41.2118, 54.7460, 74.0403

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.



18.7920, 25.5532, 66.4030



35.8177, 25.5532, 14.8488



14.5242, 25.5532, 27.0577

Square

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



35.8177, 25.5532, 14.8488



19.1885, 25.5532, 7.7962



15.5427, 25.5532, 46.7518



30.2182, 25.5532, 67.7922

Rectangle

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



35.8177, 25.5532, 14.8488



26.6167, 25.5532, 6.4352



15.5427, 25.5532, 46.7518



22.0984, 25.5532, 74.1052

Sweetspot

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



35.8183, 25.5546, 14.8493



77.9414, 75.2017, 74.1597



45.0957, 28.4829, 66.1158



16.2699, 15.4970, 15.0382



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.



35.8183, 25.5546, 14.8493



47.2624, 30.4028, 12.8837



43.7759, 41.4697, 17.5018



13.1001, 13.1396, 13.5713



17.4020, 9.0896, 0.8373



1.1434, 0.6208, 0.0596

Inverse Universe

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



41.2118, 54.7460, 74.0403



55.7513, 76.4712, 106.4298



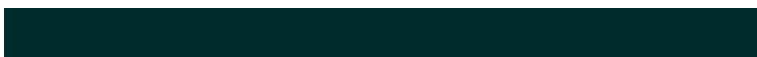
29.2366, 30.7957, 70.0486



13.3951, 14.7299, 16.7893



21.2257, 30.3208, 44.4722



1.3901, 1.9943, 2.8861

Previews

White Background



This preview shows how the XYZ color 35.8177, 25.5532, 14.8488 looks on a white background.

Color Contrast Check

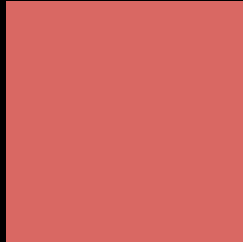
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.8177, 25.5532, 14.8488 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 × Fail

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

XYZ 35.8177, 25.5532, 14.8488

Background



This preview shows how black text looks on a background with the XYZ color 35.8177, 25.5532, 14.8488.



This preview shows how white text looks on a background with the XYZ color 35.8177, 25.5532,

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

35.8177, 25.5532, 14.8488

Protanopia

24.3025, 25.8832, 19.6347

Deuteranopia

26.1338, 25.6902, 14.1710



Tritanopia

36.4251, 25.5123, 17.4725

Trichromacy



Original Color

35.8177, 25.5532, 14.8488

Protanomaly

27.2344, 24.7965, 17.8188

Deuteranomaly

29.0784, 25.0779, 14.3742

Tritanomaly

36.3135, 25.6258, 16.3970

Monochromacy



Original Color

35.8177, 25.5532, 14.8488

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

26.6347, 24.2043, 22.0070

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.8177, 25.5532, 14.8488 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(217, 104, 99)` looks like.

```
.text, #text, p{  
    color:rgb(217, 104, 99)  
}
```

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(217, 104, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 104, 99) }
```

Border

The CSS property to change the border of an element to XYZ 35.8177, 25.5532, 14.8488 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(217, 104, 99) }
```


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

```
.border{ border-color:rgb(217, 104, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 104, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 104, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 104, 99);  
box-shadow:4px 4px 4px 4px rgb(217, 104,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 35.8177, 25.5532, 14.8488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 104, 99) }
```

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

```
.background{ background-color: rgb(217,  
104, 99) }
```

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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