

Converting Colors

XYZ(44.4703, 35.4020, 25.5446)

Have a look what the booklet for
XYZ(44.4703, 35.4020, 25.5446)
contains.

XYZ(44.3718, 35.2705, 25.5883)	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(44.3718, 35.2705,
25.5883)**

Conversions

Conversions Part 1

Format	Color
Hex	E38782
RGB	227, 135, 130
RGB Percent	89%, 53%, 51%
CMY	0.1098, 0.4706, 0.4902
CMYK	0.00, 0.41, 0.43, 0.11
HSL	3°, 63%, 70%
HSV	3°, 43%, 89%
XYZ	44.3718, 35.2705, 25.5883
YIQ	161.9380, 56.4370, 17.9490

Conversions

Conversions Part 2

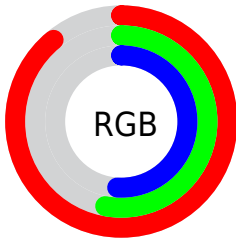
Format	Color
R _Y B	227, 135, 130
Decimal	14911362
CIE Lab	65.96, 34.61, 17.89
CIE LCh	66, 38.955, 27.333
Yxy	35.2705, 0.4217, 0.3352
Android (android.graphics.Color)	4293101442 (0xFFE38782)
YUV	161.9380, -15.7454, 57.0594
Hunter-Lab	59.3890, 29.4336, 16.0266

Details

The XYZ color **44.3718, 35.2705, 25.5883** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **49.1911, 62.5318, 82.1502**, and the grayscale version is **34.3674, 36.1571, 39.3751**.

A 20% lighter version of the original color is **67.9848, 61.0741, 53.0050**, and **20.9406, 15.2156, 9.6178** is the 20% darker color. If you saturate the color by 10%, you get **40.3068, 29.3158, 17.5272**, and if you desaturate by 10%, it is **49.3821, 42.5777, 35.6233**.

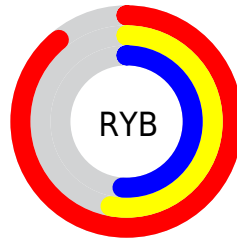
Distribution



Red (89%)

Green (53%)

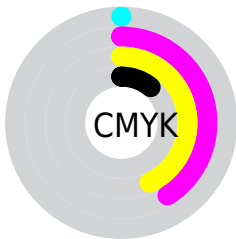
Blue (51%)



Red (89%)

Yellow (53%)

Blue (51%)

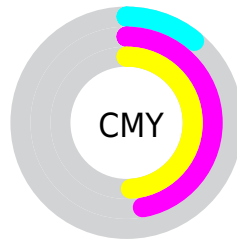


Cyan (0%)

Magenta (41%)

Yellow (43%)

Black (11%)



Cyan (11%)


Magenta (47%)

Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.3718, 35.2705, 25.5883 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 44.3718, 35.2705, 25.5883 by changing the saturation by 10% instead.


 44.3718, 35.2705,
25.5883


 44.3718, 35.2705,
25.5883

355.0500,
325.7607, 294.2961


 31.1621, 23.8713,
16.2929


 81.0198, 67.9046,
53.5859

 20.8747, 15.2382,
9.5751


 105.1888, 89.9083,
73.1252

 13.1444, 8.9867,
5.0162


 133.7416,
116.2157, 96.9163

 7.6057, 4.7325,
2.1979

167.0435,
147.2110, 125.3775

 3.8934, 2.0912,
0.6731

205.4600,
183.2788, 158.9276

 1.6420, 0.6597,
0.0000

249.3563,

 0.4195, 0.0000,

224.8034, 197.9851

0.0000

299.0979,
272.1693, 242.9684

■ 0.0000, 0.0000,
0.0000

■ 44.3718, 35.2705,
25.5883

■ 44.3718, 35.2705,
25.5883

■ 40.3068, 29.3158,
17.5272

■ 49.3821, 42.5777,
35.6233

■ 37.1251, 24.6258,
11.3080

■ 55.3889, 51.3079,
47.7483

■ 34.7619, 21.1107,
6.7858


■ 62.4432, 61.5327,
62.0730


■ 33.1419, 18.6663,
3.7931

■ 70.5916, 73.3175,
78.6988

■ 32.1762, 17.1704,
2.1284

■ 79.8778, 86.7239,
97.7206

 31.8066, 16.5869,
1.5252

 85.4886, 95.0709,
108.4525

Harmonies

Analogous

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



45.8664, 35.2705, 39.9003



44.3718, 35.2705, 25.5883



39.8726, 35.2705, 17.3916

Triad

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



44.3718, 35.2705, 25.5883



25.0276, 35.2705, 23.6850



33.0102, 35.2705, 79.6682

Complementary

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



44.3718, 35.2705, 25.5883



49.1911, 62.5318, 82.1502

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.



27.8870, 35.2705, 71.8251



44.3718, 35.2705, 25.5883



23.6211, 35.2705, 36.9448

Square

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



44.3718, 35.2705, 25.5883



28.6849, 35.2705, 16.5346



24.6054, 35.2705, 54.9108



38.8778, 35.2705, 74.0917

Rectangle

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



44.3718, 35.2705, 25.5883



36.0146, 35.2705, 15.0033



24.6054, 35.2705, 54.9108



31.1501, 35.2705, 78.4729

Sweetspot

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



44.3727, 35.2723, 25.5890



80.9424, 79.6013, 80.1003



52.8663, 37.5784, 73.6797



16.8648, 16.3715, 16.2087



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.



44.3727, 35.2723, 25.5890



53.1438, 39.1500, 24.1410



52.7137, 51.9543, 28.3693



14.4364, 14.4866, 14.9398



18.5750, 9.7242, 0.8979



1.3938, 0.7609, 0.0734

Inverse Universe

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



49.1911, 62.5318, 82.1502



60.1566, 78.8892, 106.6643



38.1398, 40.4292, 78.4665



14.7404, 16.2022, 18.4948



22.3281, 31.7183, 47.3286



1.6696, 2.3832, 3.5040

Previews

White Background



This preview shows how the XYZ color 44.3718, 35.2705, 25.5883 looks on a white background.

Color Contrast Check

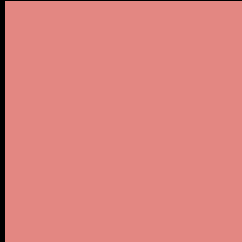
Large Text (above 18pt) WCAG AA × Fail

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 44.3718, 35.2705, 25.5883 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 44.3718, 35.2705, 25.5883

Background



This preview shows how black text looks on a background with the XYZ color 44.3718, 35.2705, 25.5883.



This preview shows how white text looks on a background with the XYZ color 44.3718, 35.2705,

25.5883.

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

44.3718, 35.2705, 25.5883

Protanopia

33.6017, 35.4194, 30.6568

Deuteranopia

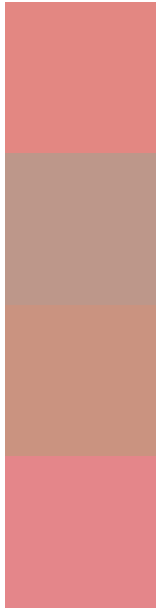
36.1254, 35.3349, 24.9950



Tritanopia

45.3404, 35.2522, 30.4013

Trichromacy



Original Color

44.3718, 35.2705, 25.5883

Protanomaly

36.6403, 34.7870, 28.8282

Deuteranomaly

38.6871, 34.9825, 25.1353

Tritanomaly

45.1075, 35.3792, 28.4962

Monochromacy



Original Color

44.3718, 35.2705, 25.5883

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

36.9830, 35.0976, 33.6795

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.3718, 35.2705, 25.5883 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(227, 135, 130)` looks like.

```
.text, #text, p{  
    color:rgb(227, 135, 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(227, 135, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 135, 130) }
```

Border

The CSS property to change the border of an element to XYZ 44.3718, 35.2705, 25.5883 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(227, 135, 130) }
```


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

```
.border{ border-color:rgb(227, 135, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 135, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 135, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 135, 130);  
box-shadow:4px 4px 4px 4px rgb(227, 135,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 44.3718, 35.2705, 25.5883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 135, 130) }
```

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

```
.background{ background-color: rgb(227,  
135, 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](#).

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