

Converting Colors

XYZ(46.1811, 36.1732, 25.7548)

Have a look what the booklet for
XYZ(46.1811, 36.1732, 25.7548)
contains.

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Color

**XYZ(46.2975, 36.2633,
25.6785)**

Conversions

Conversions Part 1

Format	Color
Hex	E98782
RGB	233, 135, 130
RGB Percent	91%, 53%, 51%
CMY	0.0863, 0.4706, 0.4902
CMYK	0.00, 0.42, 0.44, 0.09
HSL	3°, 70%, 71%
HSV	3°, 44%, 91%
XYZ	46.2975, 36.2633, 25.6785
YIQ	163.7320, 60.0130, 19.2210

Conversions

Conversions Part 2

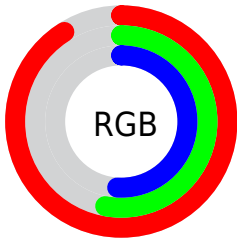
Format	Color
R _Y B	233, 135, 130
Decimal	15304578
CIE Lab	66.72, 36.85, 19.06
CIE LCh	67, 41.488, 27.342
Yxy	36.2633, 0.4277, 0.3350
Android (android.graphics.Color)	4293494658 (0xFFE98782)
YUV	163.7320, -16.6299, 60.7480
Hunter-Lab	60.2190, 31.8508, 16.8710

Details

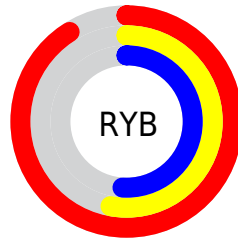
The XYZ color **46.2975, 36.2633, 25.6785** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **51.6559, 66.1127, 87.1291**, and the grayscale version is **35.2167, 37.0507, 40.3482**.

A 20% lighter version of the original color is **68.2007, 61.5058, 53.0770**, and **22.0340, 15.7793, 9.6690** is the 20% darker color. If you saturate the color by 10%, you get **42.1295, 30.1532, 17.4273**, and if you desaturate by 10%, it is **51.4653, 43.8064, 36.0105**.

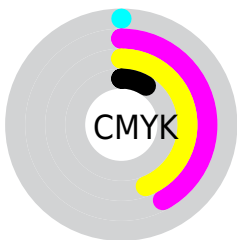
Distribution



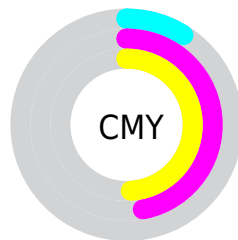
- Red (91%)
- Green (53%)
- Blue (51%)



- Red (91%)
- Yellow (53%)
- Blue (51%)



- Cyan (0%)
- Magenta (42%)
- Yellow (44%)
- Black (9%)




- Cyan (9%)
- Magenta (47%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.2975, 36.2633, 25.6785 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 46.2975, 36.2633, 25.6785 by changing the saturation by 10% instead.


 46.2975, 36.2633,
25.6785

 46.2975, 36.2633,
25.6785


362.6993,
330.1099, 294.7554

 32.6863, 24.6376,
16.3597

 83.8892, 69.4383,
53.7335

 22.0443, 15.8073,
9.6219


 108.6004, 91.7563,
73.3068

 14.0062, 9.3879,
5.0467


 137.7422,
118.4073, 97.1353

 8.2067, 4.9950,
2.2155

171.6801,
149.7756, 125.6376

 4.2804, 2.2443,
0.6833

210.7794,
186.2457, 159.2322

 1.8620, 0.7440,
0.0000

255.4055,

 0.5546, 0.0000,

228.2018, 198.3377

0.0000

305.9237,
276.0284, 243.3726

■ 0.0000, 0.0000,
0.0000

■ 46.2975, 36.2633,
25.6785

■ 46.2975, 36.2633,
25.6785

■ 42.1295, 30.1532,
17.4273

■ 51.4653, 43.8064,
36.0105

■ 38.8941, 25.3804,
11.1140

■ 57.6890, 52.8595,
48.5492

■ 36.5202, 21.8463,
6.5810

■ 65.0236, 63.5004,
63.4127

■ 34.9252, 19.4363,
3.6448

■ 73.5196, 75.8001,
80.7102

■ 34.0102, 18.0142,
2.0825

■ 83.2244, 89.8254,
100.5442

■ 33.7276, 17.5704,
1.6138

■ 87.4142, 96.0636,
108.5426

Harmonies

Analogous

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



47.9371, 36.2633, 41.1044



46.2975, 36.2633, 25.6785



41.3760, 36.2633, 16.9991

Triad

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



46.2975, 36.2633, 25.6785



25.2975, 36.2633, 23.6563



33.9122, 36.2633, 84.8766

Complementary

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



46.2975, 36.2633, 25.6785



51.6559, 66.1127, 87.1291

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.



28.3737, 36.2633, 76.1798



46.2975, 36.2633, 25.6785



23.7913, 36.2633, 37.9079

Square

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



46.2975, 36.2633, 25.6785



29.2311, 36.2633, 16.1041



24.8462, 36.2633, 57.5197



40.2939, 36.2633, 78.6835

Rectangle

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



46.2975, 36.2633, 25.6785



37.1716, 36.2633, 14.5037



24.8462, 36.2633, 57.5197



31.8973, 36.2633, 83.5503

Sweetspot

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



46.2984, 36.2651, 25.6792



80.9157, 79.5479, 80.0914



55.8091, 38.9780, 79.1261



16.8584, 16.3586, 16.2065



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.



46.2984, 36.2651, 25.6792



52.1355, 37.6413, 22.2393



54.9686, 53.6055, 28.5692



15.1242, 15.1714, 15.6500



19.1633, 10.0208, 0.9242



1.5255, 0.8284, 0.0795

Inverse Universe

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



51.6559, 66.1127, 87.1291



59.4753, 78.6031, 106.6450



39.8478, 42.4966, 83.1930



15.4513, 16.9891, 19.3871



23.1460, 32.9391, 48.8809



1.8369, 2.6252, 3.8448

Previews

White Background



This preview shows how the XYZ color 46.2975, 36.2633, 25.6785 looks on a white background.

Color Contrast Check

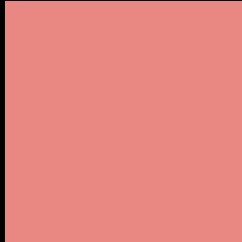
Large Text (above 18pt) WCAG AA × Fail

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 46.2975, 36.2633, 25.6785 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 46.2975, 36.2633, 25.6785

Background



This preview shows how black text looks on a background with the XYZ color 46.2975, 36.2633, 25.6785.



This preview shows how white text looks on a background with the XYZ color 46.2975, 36.2633, 25.6785.

25.6785.

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

46.2975, 36.2633, 25.6785

Protanopia

34.4558, 36.3699, 31.1907

Deuteranopia

37.1402, 36.3597, 24.7993



Tritanopia

47.2771, 36.2507, 30.4919

Trichromacy



Original Color

46.2975, 36.2633, 25.6785

Protanomaly

37.8080, 35.6289, 28.9291

Deuteranomaly

39.8743, 35.8339, 24.8937

Tritanomaly

47.0442, 36.3776, 28.5868

Monochromacy



Original Color

46.2975, 36.2633, 25.6785

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

38.0450, 35.8683, 34.6238

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.2975, 36.2633, 25.6785 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(233, 135, 130)` looks like.

```
.text, #text, p{  
    color:rgb(233, 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(233, 135, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 135, 130) }
```

Border

The CSS property to change the border of an element to XYZ 46.2975, 36.2633, 25.6785 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(233, 135, 130) }
```


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

```
.border{ border-color:rgb(233, 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(233, 135, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 135, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 135, 130);  
box-shadow:4px 4px 4px 4px rgb(233, 135,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 46.2975, 36.2633, 25.6785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 135, 130) }
```

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

```
.background{ background-color: rgb(233,  
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](#).

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