

Converting Colors

XYZ(46.1042, 37.6945, 26.9063)

Have a look what the booklet for
XYZ(46.1042, 37.6945, 26.9063)
contains.

XYZ(46.2197, 37.6975, 27.0306)	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(46.2197, 37.6975,
27.0306)**

Conversions

Conversions Part 1

Format	Color
Hex	E58E85
RGB	229, 142, 133
RGB Percent	90%, 56%, 52%
CMY	0.1020, 0.4431, 0.4784
CMYK	0.00, 0.38, 0.42, 0.10
HSL	6°, 65%, 71%
HSV	6°, 42%, 90%
XYZ	46.2197, 37.6975, 27.0306
YIQ	166.9870, 54.7410, 15.6450

Conversions

Conversions Part 2

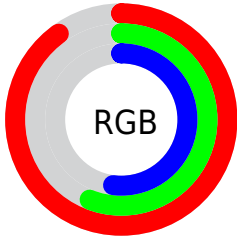
Format	Color
R _Y B	229, 143, 133
Decimal	15044229
CIE Lab	67.80, 31.99, 18.78
CIE LCh	68, 37.098, 30.413
Yxy	37.6975, 0.4166, 0.3398
Android (android.graphics.Color)	4293234309 (0xFFE58E85)
YUV	166.9870, -16.7556, 54.3854
Hunter-Lab	61.3983, 26.9251, 16.8764

Details

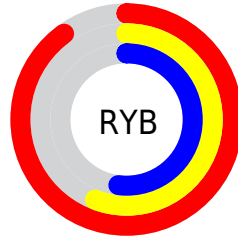
The XYZ color **46.2197, 37.6975, 27.0306** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **49.4076, 61.8272, 83.4583**, and the grayscale version is **36.7856, 38.7013, 42.1457**.

A 20% lighter version of the original color is **70.0692, 64.7377, 55.2569**, and **22.0121, 16.5948, 10.2266** is the 20% darker color. If you saturate the color by 10%, you get **42.0013, 31.5227, 18.6515**, and if you desaturate by 10%, it is **51.3597, 45.1635, 37.4191**.

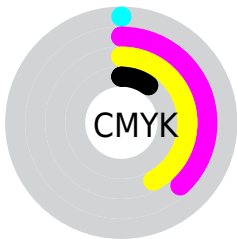
Distribution



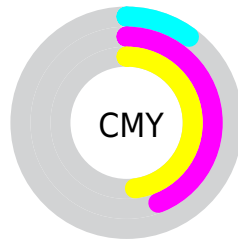
- Red (90%)
- Green (56%)
- Blue (52%)



- Red (90%)
- Yellow (56%)
- Blue (52%)



- Cyan (0%)
- Magenta (38%)
- Yellow (42%)
- Black (10%)





- Cyan (10%)
- Magenta (44%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.2197, 37.6975, 27.0306 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 46.2197, 37.6975, 27.0306 by changing the saturation by 10% instead.


 46.2197, 37.6975,
27.0306


 46.2197, 37.6975,
27.0306


362.3924,
336.3205, 301.5701


 32.6246, 25.7480,
17.3636


 83.7736, 71.6442,
55.9373

 21.9969, 16.6352,
10.3294


 108.4630, 94.4103,
76.0140

 13.9712, 9.9747,
5.5094


 137.5813,
121.5506, 100.3978

 8.1822, 5.3822,
2.4852

171.4937,
153.4496, 129.5070

 4.2645, 2.4732,
0.8323

210.5657,
190.4917, 163.7604

 1.8529, 0.8632,
0.0000

255.1626,

 0.5492, 0.0000,

233.0613, 203.5763

0.0000

305.6497,
281.5428, 249.3734

■ 0.0000, 0.0000,
0.0000

■ 46.2197, 37.6975,
27.0306

■ 46.2197, 37.6975,
27.0306

■ 42.0013, 31.5227,
18.6515

■ 51.3597, 45.1635,
37.4191

■ 38.6471, 26.5605,
12.1497

■ 57.4684, 53.9824,
49.9331

■ 36.0975, 22.7325,
7.3808

■ 64.5934, 64.2184,
64.6826

■ 34.2842, 19.9487,
4.1782

■ 72.7781, 75.9302,
81.7693

■ 33.1274, 18.1054,
2.3427

■ 82.0634, 89.1732,
101.2885

■ 32.5901, 17.2122,
1.6046

■ 86.1230, 95.3980,
108.4822

Harmonies

Analogous

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



48.0430, 37.6975, 40.8189



46.2197, 37.6975, 27.0306



41.5626, 37.6975, 19.2332

Triad

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



46.2197, 37.6975, 27.0306



27.0617, 37.6975, 27.3302



35.9099, 37.6975, 81.4768

Complementary

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



46.2197, 37.6975, 27.0306



49.4076, 61.8272, 83.4583

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.



30.6510, 37.6975, 75.1380



46.2197, 37.6975, 27.0306



25.8855, 37.6975, 41.2742

Square

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



46.2197, 37.6975, 27.0306



30.5271, 37.6975, 19.3709



27.1277, 37.6975, 59.2227



41.7148, 37.6975, 74.7978

Rectangle

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



46.2197, 37.6975, 27.0306



37.7008, 37.6975, 17.0967



27.1277, 37.6975, 59.2227



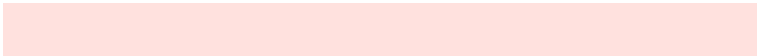
34.0228, 37.6975, 80.7825

Sweetspot

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



46.2207, 37.6994, 27.0313



81.3190, 80.3545, 80.2259



53.7518, 38.6538, 73.0343



16.9563, 16.5544, 16.2391



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.



46.2207, 37.6994, 27.0313



54.4029, 41.4042, 25.3744



54.7444, 54.7467, 29.8726



14.4852, 14.5842, 14.9560



18.6716, 9.9173, 0.9301



1.4172, 0.8077, 0.0812

Inverse Universe

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



49.4076, 61.8272, 83.4583



58.9395, 75.8954, 106.1506



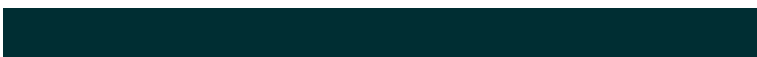
38.7595, 40.5311, 79.9089



14.6858, 16.0930, 18.4766



20.9635, 28.9891, 46.8737



1.5830, 2.2099, 3.4751

Previews

White Background



This preview shows how the XYZ color 46.2197, 37.6975, 27.0306 looks on a white background.

Color Contrast Check

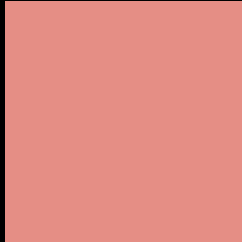
Large Text (above 18pt) WCAG AA × Fail

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 46.2197, 37.6975, 27.0306 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 46.2197, 37.6975, 27.0306

Background



This preview shows how black text looks on a background with the XYZ color 46.2197, 37.6975, 27.0306.



This preview shows how white text looks on a background with the XYZ color 46.2197, 37.6975,

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

46.2197, 37.6975, 27.0306

Protanopia

35.7228, 37.8081, 31.8005

Deuteranopia

38.6755, 37.8773, 26.3917



Tritanopia

47.3708, 37.4902, 33.5938

Trichromacy



Original Color

46.2197, 37.6975, 27.0306

Protanomaly

38.7829, 37.3448, 29.9751

Deuteranomaly

41.2201, 37.6866, 26.5744

Tritanomaly

47.0453, 37.5928, 31.1621

Monochromacy



Original Color

46.2197, 37.6975, 27.0306

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

39.3785, 37.7674, 36.2247

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.2197, 37.6975, 27.0306 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(229, 142, 133)` looks like.

```
.text, #text, p{  
    color:rgb(229, 142, 133)  
}
```

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(229, 142, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 142, 133) }
```

Border

The CSS property to change the border of an element to XYZ 46.2197, 37.6975, 27.0306 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(229, 142, 133) }
```


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

```
.border{ border-color:rgb(229, 142, 133) }
```

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

Here you see how a box with a 4 pixel rgb(229, 142, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 142, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 142, 133);  
box-shadow:4px 4px 4px 4px rgb(229, 142,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 46.2197, 37.6975, 27.0306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 142, 133) }
```

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

```
.background{ background-color: rgb(229,  
142, 133) }
```

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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