

Converting Colors

XYZ(46.7291, 39.5470, 27.7247)

Have a look what the booklet for
XYZ(46.7291, 39.5470, 27.7247)
contains.

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Color

**XYZ(46.7291, 39.5470,
27.7247)**

Conversions

Conversions Part 1

Format	Color
Hex	E39586
RGB	227, 149, 134
RGB Percent	89%, 58%, 53%
CMY	0.1098, 0.4157, 0.4745
CMYK	0.00, 0.34, 0.41, 0.11
HSL	10°, 62%, 71%
HSV	10°, 41%, 89%
XYZ	46.7291, 39.5470, 27.7247
YIQ	170.6120, 51.3030, 11.8710

Conversions

Conversions Part 2

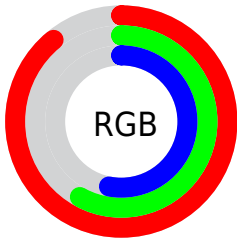
Format	Color
R _Y B	227, 152, 134
Decimal	14914950
CIE Lab	69.15, 27.62, 20.04
CIE LCh	69, 34.123, 35.961
Yxy	39.5470, 0.4099, 0.3469
Android (android.graphics.Color)	4293105030 (0xFFE39586)
YUV	170.6120, -18.0497, 49.4523
Hunter-Lab	62.8864, 22.5871, 17.8813

Details

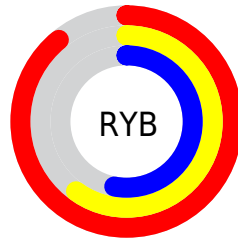
The XYZ color **46.7291, 39.5470, 27.7247** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **47.2392, 57.6991, 81.3203**, and the grayscale version is **38.5846, 40.5940, 44.2069**.

A 20% lighter version of the original color is **71.8025, 68.0336, 56.3611**, and **22.2371, 17.6245, 10.6173** is the 20% darker color. If you saturate the color by 10%, you get **42.5429, 33.4421, 19.3388**, and if you desaturate by 10%, it is **51.7495, 46.7763, 38.0660**.

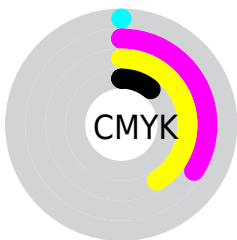
Distribution



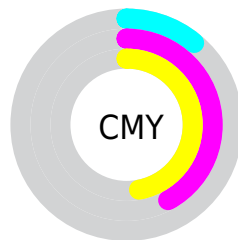
- Red (89%)
- Green (58%)
- Blue (53%)



- Red (89%)
- Yellow (60%)
- Blue (53%)



- Cyan (0%)
- Magenta (34%)
- Yellow (41%)
- Black (11%)





- Cyan (11%)
- Magenta (42%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.7291, 39.5470, 27.7247 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 46.7291, 39.5470, 27.7247 by changing the saturation by 10% instead.


 46.7291, 39.5470,
27.7247


 46.7291, 39.5470,
27.7247


364.3992,
344.2105, 305.0195


 33.0286, 27.1855,
17.8810


 84.5303, 74.4732,
57.0624

 22.3077, 17.7126,
10.6960


 109.3617, 97.8067,
77.3935

 14.2010, 10.7439,
5.7512


 138.6342,
125.5664, 102.0575

 8.3433, 5.8949,
2.6281

172.7130,
158.1366, 131.4729

 4.3690, 2.7813,
0.9069

211.9636,
195.9017, 166.0583

 1.9129, 1.0186,
0.0000

256.7512,

 0.5843, 0.0000,

239.2461, 206.2321

0.0000

307.4413,
288.5543, 252.4130

0.0000, 0.0000,
0.0000

46.7291, 39.5470,
27.7247

46.7291, 39.5470,
27.7247

42.5429, 33.4421,
19.3388

51.7495, 46.7763,
38.0660

39.1419, 28.3993,
12.7822

57.6434, 55.1768,
50.4730

36.4769, 24.3589,
7.9182

64.4511, 64.7996,
65.0506

34.4914, 21.2530,
4.5892

72.2095, 75.6911,
81.8961

33.1201, 19.0047,
2.6081

80.9535, 87.8952,
101.1005

■ 32.3285, 17.6308,
1.6992

■ 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.



49.0099, 39.5470, 40.0163



46.7291, 39.5470, 27.7247



42.0229, 39.5470, 21.0471

Triad

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



46.7291, 39.5470, 27.7247



28.8032, 39.5470, 31.9501



38.6876, 39.5470, 80.3600

Complementary

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



46.7291, 39.5470, 27.7247



47.2392, 57.6991, 81.3203

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.



33.4771, 39.5470, 76.7151



46.7291, 39.5470, 27.7247



28.0951, 39.5470, 46.2541

Square

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



46.7291, 39.5470, 27.7247



31.7615, 39.5470, 23.0419



29.7246, 39.5470, 63.2088



44.0873, 39.5470, 72.2231

Rectangle

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



46.7291, 39.5470, 27.7247



38.3316, 39.5470, 19.5161



29.7246, 39.5470, 63.2088



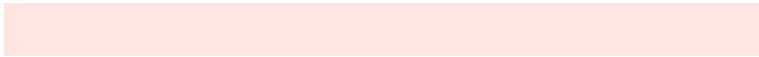
36.8546, 39.5470, 80.4932

Sweetspot

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



46.7301, 39.5489, 27.7255



82.8616, 82.8889, 82.4377



52.2204, 38.1881, 67.6029



17.4753, 17.3743, 17.0847



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.



46.7301, 39.5489, 27.7255



56.2125, 44.7528, 26.8121



55.3739, 56.8366, 30.6067



14.5639, 14.7416, 14.9823



18.9095, 10.3932, 1.0094



1.4546, 0.8824, 0.0937

Inverse Universe

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



47.2392, 57.6991, 81.3203



56.9262, 71.2950, 105.3687



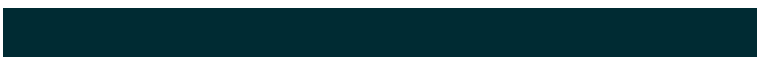
37.4334, 38.0876, 78.0518



14.5991, 15.9195, 18.4477



18.9448, 24.9516, 46.2008



1.4531, 1.9502, 3.4318

Previews

White Background



This preview shows how the XYZ color 46.7291, 39.5470, 27.7247 looks on a white background.

Color Contrast Check

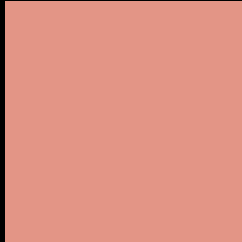
Large Text (above 18pt) WCAG AA × Fail

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 46.7291, 39.5470, 27.7247 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 46.7291, 39.5470, 27.7247

Background



This preview shows how black text looks on a background with the XYZ color 46.7291, 39.5470, 27.7247.



This preview shows how white text looks on a background with the XYZ color 46.7291, 39.5470,

27.7247.

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

46.7291, 39.5470, 27.7247

Protanopia

37.5060, 39.8241, 31.6966

Deuteranopia

40.3739, 39.5124, 27.3285



Tritanopia

48.6778, 39.6501, 36.9859

Trichromacy



Original Color

46.7291, 39.5470, 27.7247

Protanomaly

40.4189, 39.4699, 30.2991

Deuteranomaly

42.5851, 39.3627, 27.5436

Tritanomaly

47.8534, 39.5313, 33.5419

Monochromacy



Original Color

46.7291, 39.5470, 27.7247

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

40.7546, 39.7394, 37.8702

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.7291, 39.5470, 27.7247 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, 149, 134)` looks like.

```
.text, #text, p{  
    color:rgb(227, 149, 134)  
}
```

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, 149, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 149, 134) }
```

Border

The CSS property to change the border of an element to XYZ 46.7291, 39.5470, 27.7247 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, 149, 134) }
```


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

```
.border{ border-color:rgb(227, 149, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 149, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 149, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 149, 134);  
box-shadow:4px 4px 4px 4px rgb(227, 149,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 46.7291, 39.5470, 27.7247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 149, 134) }
```

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

```
.background{ background-color: rgb(227,  
149, 134) }
```

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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