

Converting Colors

XYZ(46.5715, 39.5136, 26.8775)

Have a look what the booklet for
XYZ(46.5715, 39.5136, 26.8775)
contains.

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Color

**XYZ(46.5909, 39.4917,
26.9969)**

Conversions

Conversions Part 1

Format	Color
Hex	E39584
RGB	227, 149, 132
RGB Percent	89%, 58%, 52%
CMY	0.1098, 0.4157, 0.4823
CMYK	0.00, 0.34, 0.42, 0.11
HSL	11°, 63%, 70%
HSV	11°, 42%, 89%
XYZ	46.5909, 39.4917, 26.9969
YIQ	170.3840, 51.9450, 11.2490

Conversions

Conversions Part 2

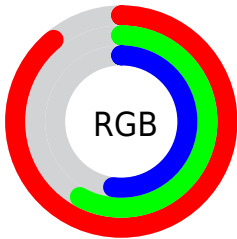
Format	Color
R _Y B	227, 153, 132
Decimal	14914948
CIE Lab	69.11, 27.40, 21.09
CIE LCh	69, 34.577, 37.583
Yxy	39.4917, 0.4120, 0.3492
Android (android.graphics.Color)	4293105028 (0xFFE39584)
YUV	170.3840, -18.9233, 49.6522
Hunter-Lab	62.8424, 22.3643, 18.5189

Details

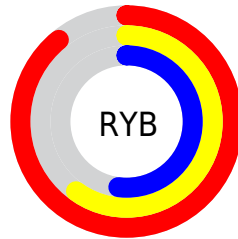
The XYZ color **46.5909, 39.4917, 26.9969** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **46.4266, 56.5427, 81.1400**, and the grayscale version is **38.4744, 40.4781, 44.0807**.

A 20% lighter version of the original color is **71.5898, 67.9485, 55.2411**, and **22.1599, 17.5936, 10.2106** is the 20% darker color. If you saturate the color by 10%, you get **42.4870, 33.5052, 18.7810**, and if you desaturate by 10%, it is **51.5067, 46.5609, 37.1515**.

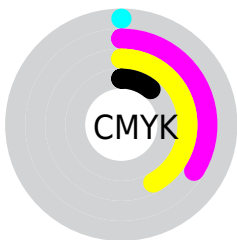
Distribution



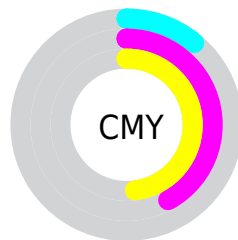
- Red (89%)
- Green (58%)
- Blue (52%)



- Red (89%)
- Yellow (60%)
- Blue (52%)



- Cyan (0%)
- Magenta (34%)
- Yellow (42%)
- Black (11%)





- Cyan (11%)
- Magenta (42%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.5909, 39.4917, 26.9969 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 46.5909, 39.4917, 26.9969 by changing the saturation by 10% instead.


 46.5909, 39.4917,
26.9969


 46.5909, 39.4917,
26.9969


363.8554,
343.9765, 301.4018

 32.9190, 27.1425,
17.3385


 84.3251, 74.3889,
55.8826

 22.2233, 17.6802,
10.3116


 109.1181, 97.7056,
75.9469

 14.1386, 10.7207,
5.4978


 138.3488,
125.4469, 100.3169

 8.2995, 5.8793,
2.4784

172.3825,
157.9972, 129.4112

 4.3406, 2.7718,
0.8287

211.5847,
195.7410, 163.6483

 1.8966, 1.0138,
0.0000

256.3207,

 0.5748, 0.0000,

239.0625, 203.4468

0.0000

306.9558,
288.3462, 249.2251

0.0000, 0.0000,
0.0000

46.5909, 39.4917,
26.9969

46.5909, 39.4917,
26.9969

42.4870, 33.5052,
18.7810

51.5067, 46.5609,
37.1515

39.1473, 28.5419,
12.3775

57.2723, 54.7569,
49.3556

36.5239, 24.5454,
7.6485

63.9270, 64.1283,
63.7144

34.5619, 21.4515,
4.4352

71.5068, 74.7192,
80.3252

33.1975, 19.1874,
2.5478

80.0453, 86.5714,
99.2792

■ 32.4589, 17.8915,
1.7426

■ 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.



49.0705, 39.4917, 39.1120



46.5909, 39.4917, 26.9969



41.7305, 39.4917, 20.5760

Triad

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



46.5909, 39.4917, 26.9969



28.5539, 39.4917, 32.4181



38.9538, 39.4917, 80.7178

Complementary

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



46.5909, 39.4917, 26.9969



46.4266, 56.5427, 81.1400

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.



33.6318, 39.4917, 77.6660



46.5909, 39.4917, 26.9969



27.9669, 39.4917, 47.1370

Square

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



46.5909, 39.4917, 26.9969



31.4272, 39.4917, 23.1289



29.7370, 39.4917, 64.3316



44.3885, 39.4917, 71.8675

Rectangle

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



46.5909, 39.4917, 26.9969



37.9851, 39.4917, 19.2182



29.7370, 39.4917, 64.3316



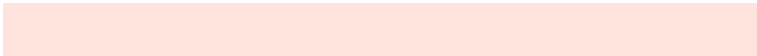
37.0898, 39.4917, 81.0817

Sweetspot

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



46.5919, 39.4936, 26.9977



82.0887, 81.8938, 80.4824



51.7089, 37.5453, 66.2594



17.1435, 16.9289, 16.3016



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.



46.5919, 39.4936, 26.9977



56.0613, 44.7210, 25.9272



55.4335, 57.1769, 29.9449



14.5846, 14.7830, 14.9892



18.9902, 10.5546, 1.0363



1.4643, 0.9020, 0.0969

Inverse Universe

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



46.4266, 56.5427, 81.1400



55.7838, 69.5839, 105.0987



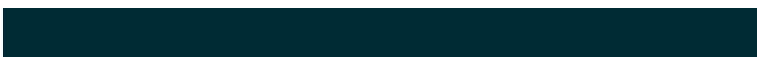
36.5971, 36.8838, 77.8635



14.5765, 15.8744, 18.4401



18.4499, 23.9619, 46.0359



1.4209, 1.8858, 3.4211

Previews

White Background



This preview shows how the XYZ color 46.5909, 39.4917, 26.9969 looks on a white background.

Color Contrast Check

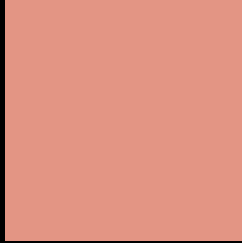
Large Text (above 18pt) WCAG AA × Fail

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 46.5909, 39.4917, 26.9969 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 46.5909, 39.4917, 26.9969

Background



This preview shows how black text looks on a background with the XYZ color 46.5909, 39.4917, 26.9969.



This preview shows how white text looks on a background with the XYZ color 46.5909, 39.4917,

26.9969.

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

46.5909, 39.4917, 26.9969

Protanopia

37.3558, 39.7640, 30.9057

Deuteranopia

40.5028, 39.5945, 26.6269



Tritanopia

48.4392, 39.3091, 36.4869

Trichromacy



Original Color

46.5909, 39.4917, 26.9969

Protanomaly

40.2727, 39.4114, 29.5293

Deuteranomaly

42.4482, 39.3079, 26.8227

Tritanomaly

47.5403, 39.1583, 32.6564

Monochromacy



Original Color

46.5909, 39.4917, 26.9969

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

40.4069, 39.3173, 36.9118

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.5909, 39.4917, 26.9969 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, 132)` looks like.

```
.text, #text, p{  
    color:rgb(227, 149, 132)  
}
```

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, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 149, 132) }
```

Border

The CSS property to change the border of an element to XYZ 46.5909, 39.4917, 26.9969 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, 132) }
```


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

```
.border{ border-color:rgb(227, 149, 132) }
```

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, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 149, 132); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 149, 132); box-shadow:4px 4px 4px 4px rgb(227, 149, 132) }
```

Background

The CSS property to change the background color of an element to XYZ 46.5909, 39.4917, 26.9969 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, 132) }
```

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

```
.background{ background-color: rgb(227,  
149, 132) }
```

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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