

Converting Colors

XYZ(46.4388, 39.4462, 26.3260)

Have a look what the booklet for
XYZ(46.4388, 39.4462, 26.3260)
contains.

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Color

**XYZ(46.4553, 39.4375,
26.2828)**

Conversions

Conversions Part 1

Format	Color
Hex	E39582
RGB	227, 149, 130
RGB Percent	89%, 58%, 51%
CMY	0.1098, 0.4157, 0.4902
CMYK	0.00, 0.34, 0.43, 0.11
HSL	12°, 63%, 70%
HSV	12°, 43%, 89%
XYZ	46.4553, 39.4375, 26.2828
YIQ	170.1560, 52.5870, 10.6270

Conversions

Conversions Part 2

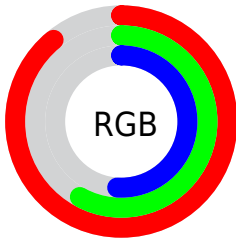
Format	Color
R_{YB}	227, 154, 130
Decimal	14914946
CIE _{Lab}	69.07, 27.19, 22.14
CIE _{LCh}	69, 35.060, 39.158
Yxy	39.4375, 0.4141, 0.3516
Android (android.graphics.Color)	4293105026 (0xFFE39582)
YUV	170.1560, -19.7969, 49.8522
Hunter-Lab	62.7993, 22.1453, 19.1454

Details

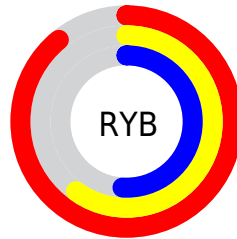
The XYZ color **46.4553, 39.4375, 26.2828** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **45.6259, 55.4013, 80.9618**, and the grayscale version is **38.3645, 40.3624, 43.9547**.

A 20% lighter version of the original color is **71.3801, 67.8646, 54.1368**, and **22.1221, 17.5785, 10.0116** is the 20% darker color. If you saturate the color by 10%, you get **42.4315, 33.5653, 18.2355**, and if you desaturate by 10%, it is **51.2698, 46.3532, 36.2526**.

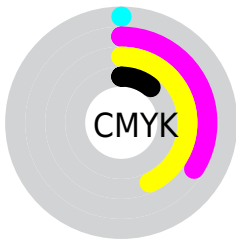
Distribution



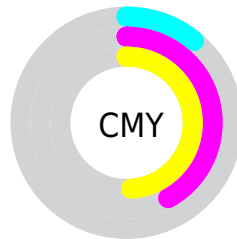
- Red (89%)
- Green (58%)
- Blue (51%)



- Red (89%)
- Yellow (60%)
- Blue (51%)



- Cyan (0%)
- Magenta (34%)
- Yellow (43%)
- Black (11%)




- Cyan (11%)
- Magenta (42%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.4553, 39.4375, 26.2828 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 46.4553, 39.4375, 26.2828 by changing the saturation by 10% instead.


 46.4553, 39.4375,
26.2828


 46.4553, 39.4375,
26.2828


363.3214,
343.7470, 297.8171

 32.8114, 27.1002,
16.8077


 84.1237, 74.3062,
54.7205

 22.1405, 17.6485,
9.9369

 108.8789, 97.6064,
74.5201

 14.0774, 10.6979,
5.2521

 138.0685,
125.3298, 98.5984

 8.2566, 5.8641,
2.3346

172.0580,
157.8606, 127.3737

 4.3127, 2.7626,
0.7505

211.2127,
195.5834, 161.2647

 1.8805, 1.0091,
0.0000

255.8979,

 0.5655, 0.0000,

238.8824, 200.6899

0.0000

306.4791,
288.1422, 246.0679

■ 0.0000, 0.0000,
0.0000

■ 46.4553, 39.4375,
26.2828

■ 46.4553, 39.4375,
26.2828

■ 42.4315, 33.5653,
18.2355

■ 51.2698, 46.3532,
36.2526

■ 39.1521, 28.6797,
11.9837

■ 56.9119, 54.3539,
48.2561

■ 36.5702, 24.7273,
7.3886

■ 63.4199, 63.4861,
62.3987

■ 34.6323, 21.6471,
4.2900

■ 70.8287, 73.7917,
78.7779

■ 33.2761, 19.3702,
2.4951

■ 79.1711, 85.3104,
97.4852

■ 32.5971, 18.1679,
1.7887

■ 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.



49.1333, 39.4375, 38.2238



46.4553, 39.4375, 26.2828



41.4415, 39.4375, 20.1119

Triad

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



46.4553, 39.4375, 26.2828



28.3064, 39.4375, 32.8896



39.2216, 39.4375, 81.0822

Complementary

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



46.4553, 39.4375, 26.2828



45.6259, 55.4013, 80.9618

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.



33.7871, 39.4375, 78.6286



46.4553, 39.4375, 26.2828



27.8392, 39.4375, 48.0306

Square

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



46.4553, 39.4375, 26.2828



31.0961, 39.4375, 23.2149



29.7494, 39.4375, 65.4692



44.6922, 39.4375, 71.5188

Rectangle

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



46.4553, 39.4375, 26.2828



37.6424, 39.4375, 18.9228



29.7494, 39.4375, 65.4692



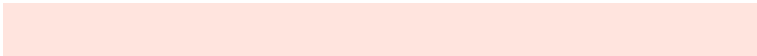
37.3263, 39.4375, 81.6782

Sweetspot

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



46.4563, 39.4394, 26.2836



82.2431, 82.2027, 80.5339



51.1968, 36.9107, 64.8886



17.1812, 17.0042, 16.3141



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.



46.4563, 39.4394, 26.2836



55.9137, 44.6898, 25.0643



55.5119, 57.5506, 29.3021



14.6044, 14.8228, 14.9958



19.0753, 10.7247, 1.0647



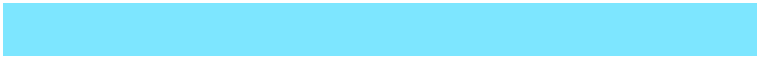
1.4737, 0.9207, 0.1000

Inverse Universe

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



45.6259, 55.4013, 80.9618



54.6634, 67.9027, 104.8332



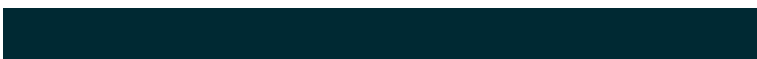
35.7668, 35.6831, 77.6755



14.5549, 15.8313, 18.4329



17.9879, 23.0379, 45.8819



1.3907, 1.8254, 3.4110

Previews

White Background



This preview shows how the XYZ color 46.4553, 39.4375, 26.2828 looks on a white background.

Color Contrast Check

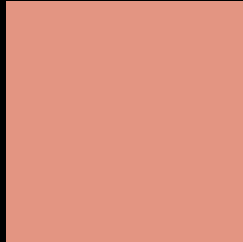
Large Text (above 18pt) WCAG AA × Fail

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 46.4553, 39.4375, 26.2828 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 46.4553, 39.4375, 26.2828

Background



This preview shows how black text looks on a background with the XYZ color 46.4553, 39.4375, 26.2828.



This preview shows how white text looks on a background with the XYZ color 46.4553, 39.4375,

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

46.4553, 39.4375, 26.2828

Protanopia

37.4386, 39.8237, 30.1396

Deuteranopia

40.3698, 39.5413, 25.9266



Tritanopia

48.4392, 39.3091, 36.4869

Trichromacy



Original Color

46.4553, 39.4375, 26.2828

Protanomaly

40.1292, 39.3540, 28.7736

Deuteranomaly

42.3139, 39.2542, 26.1155

Tritanomaly

47.5403, 39.1583, 32.6564

Monochromacy



Original Color

46.4553, 39.4375, 26.2828

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

40.3226, 39.2836, 36.4676

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.4553, 39.4375, 26.2828 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, 130)` looks like.

```
.text, #text, p{  
    color:rgb(227, 149, 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, 149, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 149, 130) }
```

Border

The CSS property to change the border of an element to XYZ 46.4553, 39.4375, 26.2828 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, 130) }
```


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

```
.border{ border-color:rgb(227, 149, 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, 149, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 149, 130); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 149, 130); box-shadow:4px 4px 4px 4px rgb(227, 149, 130) }
```

Background

The CSS property to change the background color of an element to XYZ 46.4553, 39.4375, 26.2828 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, 130) }
```

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

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