

Converting Colors

XYZ(39.5693, 28.1441, 12.7506)

Have a look what the booklet for
XYZ(39.5693, 28.1441, 12.7506)
contains.

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Color

**XYZ(39.4788, 28.1044,
12.7951)**

Conversions

Conversions Part 1

Format	Color
Hex	E56C59
RGB	229, 108, 89
RGB Percent	90%, 42%, 35%
CMY	0.1020, 0.5764, 0.6510
CMYK	0.00, 0.53, 0.61, 0.10
HSL	8°, 73%, 62%
HSV	8°, 61%, 90%
XYZ	39.4788, 28.1044, 12.7951
YIQ	142.0130, 78.2150, 19.7430

Conversions

Conversions Part 2

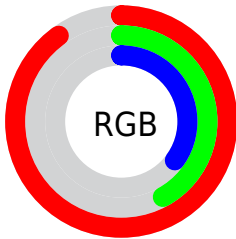
Format	Color
RYB	229, 111, 89
Decimal	15035481
CIELab	59.98, 45.55, 33.04
CIELCh	60, 56.271, 35.960
Yxy	28.1044, 0.4912, 0.3497
Android (android.graphics.Color)	4293225561 (0xFFE56C59)
YUV	142.0130, -26.1354, 76.2876
Hunter-Lab	53.0136, 40.1538, 22.7996

Details

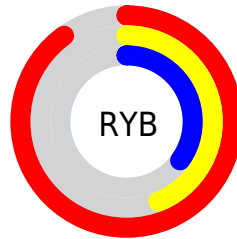
The XYZ color **39.4788, 28.1044, 12.7951** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **41.3075, 53.8706, 82.3492**, and the grayscale version is **25.7957, 27.1391, 29.5544**.

A 20% lighter version of the original color is **58.8205, 48.9647, 30.7771**, and **17.9507, 11.2316, 3.5073** is the 20% darker color. If you saturate the color by 10%, you get **36.8068, 24.0675, 7.8754**, and if you desaturate by 10%, it is **42.9249, 33.2114, 19.4484**.

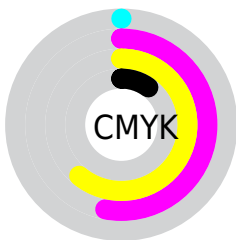
Distribution



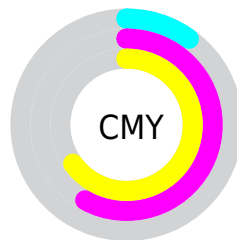
- Red (90%)
- Green (42%)
- Blue (35%)



- Red (90%)
- Yellow (44%)
- Blue (35%)



- Cyan (0%)
- Magenta (53%)
- Yellow (61%)
- Black (10%)





- Cyan (10%)
- Magenta (58%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.4788, 28.1044, 12.7951 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 39.4788, 28.1044, 12.7951 by changing the saturation by 10% instead.


 39.4788, 28.1044,
12.7951

 39.4788, 28.1044,
12.7951


335.0941,
292.9654, 220.7618


 27.3148, 18.4044,
7.1585


 73.6586, 56.6511,
31.6209

 17.9476, 11.2407,
3.4815


 96.4051, 76.2665,
45.6473


 11.0118, 6.2290,
1.3454


 123.4098, 99.9559,
63.3074

 6.1421, 2.9848,
0.0986

 155.0381,
128.1036, 85.0196

 2.9732, 1.1238,
0.0000

 191.6553,
161.0940, 111.2027

 1.1396, 0.0000,
0.0000

233.6268,

 0.0579, 0.0000,

199.3115, 142.2750

0.0000

281.3180,
243.1405, 178.6552

■ 0.0000, 0.0000,
0.0000

■ 39.4788, 28.1044,
12.7951

■ 39.4788, 28.1044,
12.7951

■ 36.8068, 24.0675,
7.8754

■ 42.9249, 33.2114,
19.4484

■ 34.8456, 21.0197,
4.5255

■ 47.1977, 39.4528,
27.9758

■ 33.5250, 18.8757,
2.5524

■ 52.3472, 46.8933,
38.5052

■ 32.8052, 17.6426,
1.6763

■ 58.4192, 55.5912,
51.1527

■ 65.4559, 65.6010,
66.0256

■ 73.4971, 76.9743,
83.2238

■ 82.5803, 89.7594,
102.8413

■ 86.1229, 95.3979,
108.4822

Harmonies

Analogous

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



42.8799, 28.1044, 26.6866



39.4788, 28.1044, 12.7951



32.7232, 28.1044, 6.8685

Triad

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



39.4788, 28.1044, 12.7951



16.0080, 28.1044, 17.1840



28.1676, 28.1044, 88.9605

Complementary

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



39.4788, 28.1044, 12.7951



41.3075, 53.8706, 82.3492

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.



21.4868, 28.1044, 82.5861



39.4788, 28.1044, 12.7951



15.2251, 28.1044, 34.8804

Square

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



39.4788, 28.1044, 12.7951



19.4156, 28.1044, 8.4943



17.0458, 28.1044, 60.0874



35.6406, 28.1044, 74.9014

Rectangle

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



39.4788, 28.1044, 12.7951



27.6943, 28.1044, 5.7130



17.0458, 28.1044, 60.0874



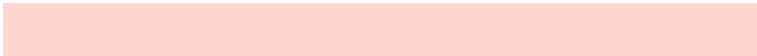
25.7540, 28.1044, 89.1952

Sweetspot

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



39.4795, 28.1059, 12.7956



77.1460, 74.6383, 70.7271



47.5597, 28.4726, 64.1795



15.9767, 15.2119, 14.0116



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.



39.4795, 28.1059, 12.7956



46.3231, 29.7150, 8.8999



49.9702, 49.0875, 16.2925



14.5340, 14.6819, 14.9723



18.8065, 10.1872, 0.9751



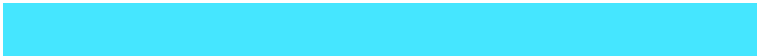
1.4404, 0.8541, 0.0889

Inverse Universe

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



41.3075, 53.8706, 82.3492



48.7147, 64.9219, 104.5714



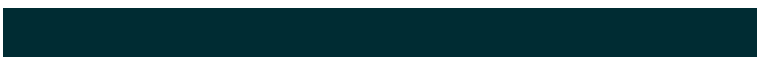
27.6896, 26.6348, 77.8099



14.6318, 15.9851, 18.4586



19.6858, 26.4337, 46.4478



1.5011, 2.0461, 3.4478

Previews

White Background



This preview shows how the XYZ color 39.4788, 28.1044, 12.7951 looks on a white background.

Color Contrast Check

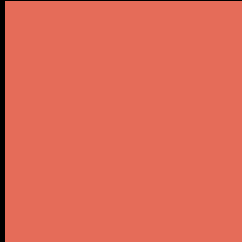
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.4788, 28.1044, 12.7951 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.4788, 28.1044, 12.7951

Background



This preview shows how black text looks on a background with the XYZ color 39.4788, 28.1044, 12.7951.



This preview shows how white text looks on a background with the XYZ color 39.4788, 28.1044,

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

39.4788, 28.1044, 12.7951

Protanopia

26.3344, 28.3182, 17.1747

Deuteranopia

28.7813, 28.1486, 12.0999



Tritanopia

40.6093, 28.0960, 18.6120

Trichromacy



Original Color

39.4788, 28.1044, 12.7951

Protanomaly

30.0318, 27.4707, 15.5239

Deuteranomaly

31.9940, 27.5704, 12.2297

Tritanomaly

40.2859, 28.1305, 16.4031

Monochromacy



Original Color

39.4788, 28.1044, 12.7951

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

29.0133, 26.3940, 22.3043

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4788, 28.1044, 12.7951 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, 108, 89)` looks like.

```
.text, #text, p{  
    color:rgb(229, 108, 89)  
}
```

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, 108, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 108, 89) }
```

Border

The CSS property to change the border of an element to XYZ 39.4788, 28.1044, 12.7951 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, 108, 89) }
```


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

```
.border{ border-color:rgb(229, 108, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 108, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 108, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 108, 89);  
box-shadow:4px 4px 4px 4px rgb(229, 108,  
89) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4788, 28.1044, 12.7951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 108, 89) }
```

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

```
.background{ background-color: rgb(229,  
108, 89) }
```

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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