

Converting Colors

XYZ(39.9372, 28.2260, 11.6450)

Have a look what the booklet for
XYZ(39.9372, 28.2260, 11.6450)
contains.

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Color

**XYZ(39.8129, 28.1444,
11.7215)**

Conversions

Conversions Part 1

Format	Color
Hex	E76B54
RGB	231, 107, 84
RGB Percent	91%, 42%, 33%
CMY	0.0941, 0.5804, 0.6706
CMYK	0.00, 0.54, 0.64, 0.09
HSL	9°, 75%, 62%
HSV	9°, 64%, 91%
XYZ	39.8129, 28.1444, 11.7215
YIQ	141.4540, 81.2870, 19.1350

Conversions

Conversions Part 2

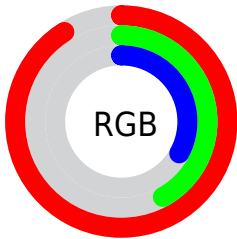
Format	Color
RYB	231, 111, 84
Decimal	15166292
CIELab	60.02, 46.44, 35.93
CIElCh	60, 58.715, 37.724
Yxy	28.1444, 0.4997, 0.3532
Android (android.graphics.Color)	4293356372 (0xFFE76B54)
YUV	141.4540, -28.3248, 78.5318
Hunter-Lab	53.0513, 41.1174, 24.0360

Details

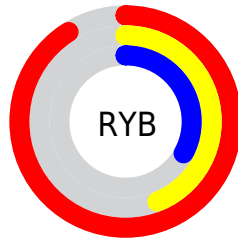
The XYZ color **39.8129, 28.1444, 11.7215** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **40.6340, 52.7624, 83.6434**, and the grayscale version is **25.5823, 26.9145, 29.3099**.

A 20% lighter version of the original color is **58.2879, 48.4710, 28.8380**, and **18.2466, 11.3243, 3.0578** is the 20% darker color. If you saturate the color by 10%, you get **37.2451, 24.2261, 7.1140**, and if you desaturate by 10%, it is **43.1379, 33.1004, 18.0531**.

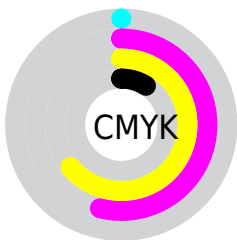
Distribution



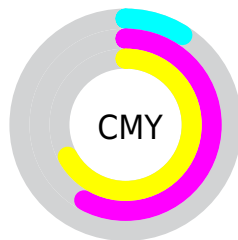
- Red (91%)
- Green (42%)
- Blue (33%)



- Red (91%)
- Yellow (44%)
- Blue (33%)



- Cyan (0%)
- Magenta (54%)
- Yellow (64%)
- Black (9%)





- Cyan (9%)
- Magenta (58%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.8129, 28.1444, 11.7215 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 39.8129, 28.1444, 11.7215 by changing the saturation by 10% instead.


 39.8129, 28.1444,
11.7215


 39.8129, 28.1444,
11.7215


336.4823,
293.1563, 213.4648


 27.5763, 18.4345,
6.4341


 74.1647, 56.7149,
29.6436


 18.1453, 11.2624,
3.0378


 97.0105, 76.3443,
43.1154


 11.1547, 6.2436,
1.1140


 124.1235,
100.0491, 60.1525

 6.2390, 2.9938,
0.0000

 155.8689,
128.2135, 81.1732

 3.0330, 1.1285,
0.0000

 192.6121,
161.2221, 106.5963

 1.1712, 0.0021,
0.0000

234.7185,

 0.0835, 0.0000,

199.4591, 136.8403

0.0000

282.5535,
243.3090, 172.3236

■ 0.0000, 0.0000,
0.0000

■ 39.8129, 28.1444,
11.7215

■ 39.8129, 28.1444,
11.7215

■ 37.2451, 24.2261,
7.1140

■ 43.1379, 33.1004,
18.0531

■ 35.3709, 21.2664,
4.0575

■ 47.2729, 39.1565,
26.2562

■ 34.1187, 19.1820,
2.3451

■ 52.2679, 46.3757,
36.4639

■ 33.5903, 18.2599,
1.7541

■ 58.1686, 54.8146,
48.7969

■ 65.0171, 64.5263,
63.3661

■ 72.8531, 75.5606,
80.2748

■ 81.7137, 87.9648,
99.6200

■ 86.7648, 95.7288,
108.5123

Harmonies

Analogous

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



43.6801, 28.1444, 25.4356



39.8129, 28.1444, 11.7215



32.5801, 28.1444, 6.1495

Triad

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



39.8129, 28.1444, 11.7215



15.5279, 28.1444, 17.5341



28.7301, 28.1444, 92.2513

Complementary

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



39.8129, 28.1444, 11.7215



40.6340, 52.7624, 83.6434

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.



21.6613, 28.1444, 86.7363



39.8129, 28.1444, 11.7215



14.8812, 28.1444, 36.5199

Square

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



39.8129, 28.1444, 11.7215



18.8811, 28.1444, 8.2486



16.9121, 28.1444, 63.3815



36.5491, 28.1444, 76.1250

Rectangle

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



39.8129, 28.1444, 11.7215



27.3255, 28.1444, 5.1649



16.9121, 28.1444, 63.3815



26.1835, 28.1444, 92.9646

Sweetspot

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



39.8136, 28.1459, 11.7220



76.5278, 73.9035, 68.9748



47.6276, 27.9306, 63.1698



15.8668, 15.0894, 13.6749



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.



39.8136, 28.1459, 11.7220



45.8744, 29.1725, 7.6562



50.7856, 50.0900, 15.3793



14.5582, 14.7303, 14.9804



18.8888, 10.3518, 1.0025



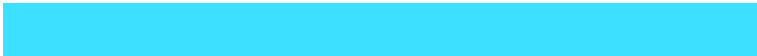
1.4519, 0.8771, 0.0928

Inverse Universe

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



40.6340, 52.7624, 83.6434



46.8224, 61.8896, 104.0858



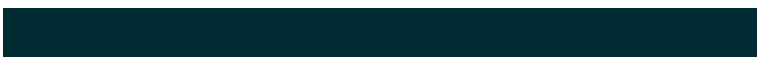
26.8069, 25.1082, 79.0343



14.6053, 15.9319, 18.4497



19.0826, 25.2272, 46.2468



1.4621, 1.9681, 3.4348

Previews

White Background



This preview shows how the XYZ color 39.8129, 28.1444, 11.7215 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 39.8129, 28.1444, 11.7215 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 39.8129, 28.1444, 11.7215

Background



This preview shows how black text looks on a background with the XYZ color 39.8129, 28.1444, 11.7215.



This preview shows how white text looks on a background with the XYZ color 39.8129, 28.1444,

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

39.8129, 28.1444, 11.7215

Protanopia

26.2346, 28.3007, 15.6351

Deuteranopia

28.8237, 28.1920, 11.1302



Tritanopia

40.9434, 27.9821, 17.9950

Trichromacy



Original Color

39.8129, 28.1444, 11.7215

Protanomaly

29.8592, 27.2133, 14.0349

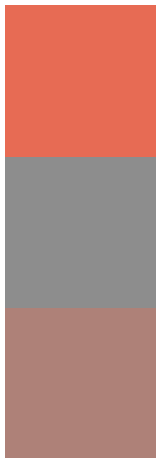
Deuteranomaly

32.0633, 27.6282, 11.2323

Tritanomaly

40.5780, 27.9960, 15.5770

Monochromacy



Original Color

39.8129, 28.1444, 11.7215

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

28.6960, 26.0553, 21.2860

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.8129, 28.1444, 11.7215 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(231, 107, 84)` looks like.

```
.text, #text, p{  
    color:rgb(231, 107, 84)  
}
```

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(231, 107, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 107, 84) }
```

Border

The CSS property to change the border of an element to XYZ 39.8129, 28.1444, 11.7215 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(231, 107, 84) }
```


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

```
.border{ border-color:rgb(231, 107, 84) }
```

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

Here you see how a box with a 4 pixel rgb(231, 107, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 107, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 107, 84);  
box-shadow:4px 4px 4px 4px rgb(231, 107,  
84) }
```

Background

The CSS property to change the background color of an element to XYZ 39.8129, 28.1444, 11.7215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 107, 84) }
```

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

```
.background{ background-color: rgb(231,  
107, 84) }
```

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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