

Converting Colors

XYZ(40.2289, 27.0376, 11.4860)

Have a look what the booklet for
XYZ(40.2289, 27.0376, 11.4860)
contains.

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Color

**XYZ(40.2289, 27.0376,
11.4860)**

Conversions

Conversions Part 1

Format	Color
Hex	EB6254
RGB	235, 98, 84
RGB Percent	92%, 38%, 33%
CMY	0.0784, 0.6157, 0.6706
CMYK	0.00, 0.58, 0.64, 0.08
HSL	6°, 79%, 63%
HSV	6°, 64%, 92%
XYZ	40.2289, 27.0376, 11.4860
YIQ	137.3670, 86.1460, 24.6900

Conversions

Conversions Part 2

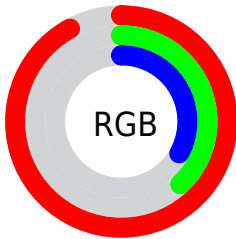
Format	Color
RYB	235, 99, 84
Decimal	15426132
CIELab	59.01, 52.09, 34.83
CIELCh	59, 62.662, 33.764
Yxy	27.0376, 0.5108, 0.3433
Android (android.graphics.Color)	4293616212 (0xFFEB6254)
YUV	137.3670, -26.3099, 85.6241
Hunter-Lab	51.9977, 47.1036, 23.3016

Details

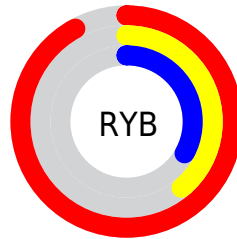
The XYZ color **40.2289, 27.0376, 11.4860** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **44.5060, 59.5919, 87.7536**, and the grayscale version is **23.9915, 25.2410, 27.4874**.

A 20% lighter version of the original color is **56.9343, 45.7637, 28.3868**, and **18.4114, 10.6801, 2.9248** is the 20% darker color. If you saturate the color by 10%, you get **37.7218, 23.2579, 6.8458**, and if you desaturate by 10%, it is **43.5771, 32.0061, 17.9295**.

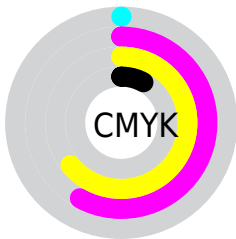
Distribution



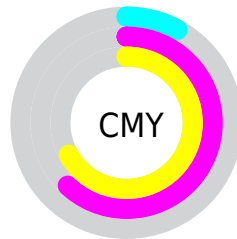
- Red (92%)
- Green (38%)
- Blue (33%)



- Red (92%)
- Yellow (39%)
- Blue (33%)



- Cyan (0%)
- Magenta (58%)
- Yellow (64%)
- Black (8%)





- Cyan (8%)
- Magenta (62%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.2289, 27.0376, 11.4860 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 40.2289, 27.0376, 11.4860 by changing the saturation by 10% instead.


 40.2289, 27.0376,
11.4860


 40.2289, 27.0376,
11.4860


338.2053,
287.8391, 211.8278


 27.9021, 17.6015,
6.2765


 74.7941, 54.9442,
29.2057

 18.3919, 10.6642,
2.9424


 97.7631, 74.1834,
42.5529

 11.3331, 5.8415,
1.0653


 125.0103, 97.4592,
59.4498

 6.3603, 2.7490,
0.0000

 156.9009,
125.1558, 80.3149

 3.1081, 1.0021,
0.0000

 193.8004,
157.6577, 105.5667

 1.2112, 0.0000,
0.0000

236.0740,

 0.1152, 0.0000,

195.3493, 135.6237

0.0000

284.0872,
238.6150, 170.9046

■ 0.0000, 0.0000,
0.0000

■ 40.2289, 27.0376,
11.4860

■ 40.2289, 27.0376,
11.4860

■ 37.7218, 23.2579,
6.8458

■ 43.5771, 32.0061,
17.9295

■ 35.9785, 20.5632,
3.8232

■ 47.8307, 38.2470,
26.3345


■ 34.9101, 18.8393,
2.1943


■ 53.0501, 45.8414,
36.8433


■ 34.5439, 18.2283,
1.6977

■ 59.2898, 54.8625,
49.5845

■ 66.6002, 65.3782,
64.6768

 75.0284, 77.4521,
82.2300

 84.6187, 91.1440,
102.3475

 88.0708, 96.4021,
108.5734

Harmonies

Analogous

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



43.6773, 27.0376, 26.7185



40.2289, 27.0376, 11.4860



32.8858, 27.0376, 5.3208

Triad

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



40.2289, 27.0376, 11.4860



14.4908, 27.0376, 14.2849



26.6919, 27.0376, 96.1109

Complementary

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



40.2289, 27.0376, 11.4860



44.5060, 59.5919, 87.7536

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.



19.6429, 27.0376, 86.9220



40.2289, 27.0376, 11.4860



13.4864, 27.0376, 32.3390

Square

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



40.2289, 27.0376, 11.4860



18.2565, 27.0376, 6.2703



15.1707, 27.0376, 60.2015



34.9293, 27.0376, 81.2673

Rectangle

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



40.2289, 27.0376, 11.4860



27.3558, 27.0376, 4.1000



15.1707, 27.0376, 60.2015



24.1094, 27.0376, 95.7573

Sweetspot

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



40.2295, 27.0391, 11.4865



75.7528, 72.3536, 68.7165



50.6719, 29.2992, 72.3848



15.6835, 14.7227, 13.6138



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.



40.2295, 27.0391, 11.4865



44.6647, 26.8609, 6.9208



50.6295, 47.8391, 14.9531



15.1778, 15.2786, 15.6678



19.2651, 10.2244, 0.9581



1.5512, 0.8797, 0.0880

Inverse Universe

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



44.5060, 59.5919, 87.7536



50.0552, 68.5836, 105.2075



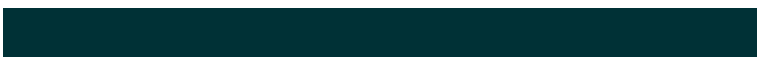
29.0724, 28.7247, 82.6091



15.3913, 16.8690, 19.3671



21.6668, 29.9806, 48.3878



1.7363, 2.4240, 3.8112

Previews

White Background



This preview shows how the XYZ color 40.2289, 27.0376, 11.4860 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 40.2289, 27.0376, 11.4860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

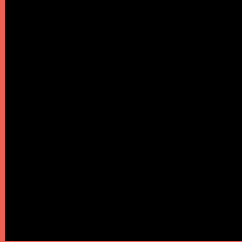
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 40.2289, 27.0376, 11.4860

Background



This preview shows how black text looks on a background with the XYZ color 40.2289, 27.0376, 11.4860.



This preview shows how white text looks on a background with the XYZ color 40.2289, 27.0376,

11.4860.

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

40.2289, 27.0376, 11.4860

Protanopia

25.3484, 27.1556, 16.2175

Deuteranopia

27.5993, 27.1428, 10.8056



Tritanopia

41.0826, 26.9766, 15.6121

Trichromacy



Original Color

40.2289, 27.0376, 11.4860

Protanomaly

29.0549, 25.8152, 14.2779

Deuteranomaly

31.1725, 26.2340, 11.0101

Tritanomaly

40.8405, 27.0248, 13.8903

Monochromacy



Original Color

40.2289, 27.0376, 11.4860

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

27.5866, 24.3582, 20.3872

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.2289, 27.0376, 11.4860 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(235, 98, 84)` looks like.

```
.text, #text, p{  
    color:rgb(235, 98, 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(235, 98, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 98, 84) }
```

Border

The CSS property to change the border of an element to XYZ 40.2289, 27.0376, 11.4860 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(235, 98, 84) }
```


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

```
.border{ border-color:rgb(235, 98, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 98, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 98, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 98, 84);  
box-shadow:4px 4px 4px 4px rgb(235, 98,  
84) }
```

Background

The CSS property to change the background color of an element to XYZ 40.2289, 27.0376, 11.4860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 98, 84) }
```

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

```
.background{ background-color: rgb(235, 98,  
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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