

Converting Colors

XYZ(41.4592, 28.2591, 10.8588)

Have a look what the booklet for
XYZ(41.4592, 28.2591, 10.8588)
contains.

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Color

**XYZ(41.4592, 28.2591,
10.8588)**

Conversions

Conversions Part 1

Format	Color
Hex	EE6650
RGB	238, 102, 80
RGB Percent	93%, 40%, 31%
CMY	0.0667, 0.6000, 0.6863
CMYK	0.00, 0.57, 0.66, 0.07
HSL	8°, 82%, 62%
HSV	8°, 66%, 93%
XYZ	41.4592, 28.2591, 10.8588
YIQ	140.1560, 88.1180, 21.9900

Conversions

Conversions Part 2

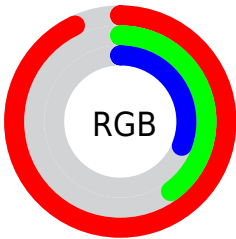
Format	Color
R _Y B	238, 106, 80
Decimal	15623760
CIE Lab	60.12, 51.08, 38.50
CIE LCh	60, 63.966, 37.002
Yxy	28.2591, 0.5145, 0.3507
Android (android.graphics.Color)	4293813840 (0xFFEE6650)
YUV	140.1560, -29.6569, 85.8092
Hunter-Lab	53.1593, 46.1843, 25.1004

Details

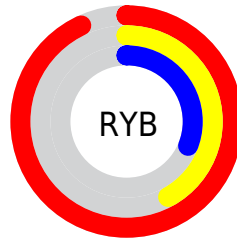
The XYZ color **41.4592, 28.2591, 10.8588** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **43.2945, 56.9858, 89.6058**, and the grayscale version is **25.0767, 26.3827, 28.7307**.

A 20% lighter version of the original color is **57.3262, 46.9856, 27.1668**, and **19.2097, 11.3786, 2.6972** is the 20% darker color. If you saturate the color by 10%, you get **38.9599, 24.4275, 6.4288**, and if you desaturate by 10%, it is **44.7685, 33.2130, 17.0949**.

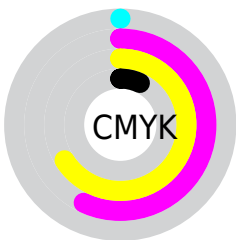
Distribution



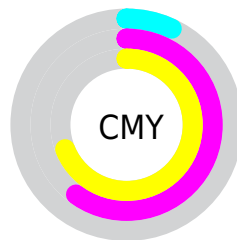
- Red (93%)
- Green (40%)
- Blue (31%)



- Red (93%)
- Yellow (42%)
- Blue (31%)



- Cyan (0%)
- Magenta (57%)
- Yellow (66%)
- Black (7%)





- Cyan (7%)
- Magenta (60%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.4592, 28.2591, 10.8588 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 41.4592, 28.2591, 10.8588 by changing the saturation by 10% instead.


 41.4592, 28.2591,
10.8588

 41.4592, 28.2591,
10.8588


343.2661,
293.7029, 207.3988


 28.8673, 18.5211,
5.8590


 76.6508, 56.8978,
28.0314

 19.1243, 11.3247,
2.6921


 99.9812, 76.5673,
41.0413


 11.8646, 6.2857,
0.9395


 127.6219,
100.3161, 57.5583

 6.7231, 3.0196,
0.0000

 159.9381,
128.5286, 78.0009

 3.3343, 1.1420,
0.0000

 197.2953,
161.5891, 102.7878

 1.3329, 0.0135,
0.0000

240.0588,

 0.2077, 0.0000,

199.8820, 132.3373

0.0000

288.5939,
243.7919, 167.0682

■ 0.0000, 0.0000,
0.0000

■ 41.4592, 28.2591,
10.8588

■ 41.4592, 28.2591,
10.8588

■ 38.9599, 24.4275,
6.4288

■ 44.7685, 33.2130,
17.0949

■ 37.1967, 21.6252,
3.6088

■ 48.9489, 39.3634,
25.3026


■ 36.0844, 19.7511,
2.1575


■ 54.0577, 46.7836,
35.6300


■ 35.8077, 19.2731,
1.8328

■ 60.1469, 55.5394,
48.2109

■ 67.2643, 65.6923,
63.1678

 75.4549, 77.2998,
80.6145

 84.7607, 90.4163,
100.6574

 89.0696, 96.9170,
108.6201

Harmonies

Analogous

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



45.6625, 28.2591, 25.6045



41.4592, 28.2591, 10.8588



33.4762, 28.2591, 5.1574

Triad

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



41.4592, 28.2591, 10.8588



14.8390, 28.2591, 16.3268



28.8202, 28.2591, 100.5060

Complementary

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



41.4592, 28.2591, 10.8588



43.2945, 56.9858, 89.6058

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.



21.1776, 28.2591, 93.5401



41.4592, 28.2591, 10.8588



14.0902, 28.2591, 36.5859

Square

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



41.4592, 28.2591, 10.8588



18.4711, 28.2591, 7.0107



16.1660, 28.2591, 66.5640



37.4662, 28.2591, 82.4967

Rectangle

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



41.4592, 28.2591, 10.8588



27.6894, 28.2591, 4.1611



16.1660, 28.2591, 66.5640



26.0462, 28.2591, 101.1103

Sweetspot

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



41.4599, 28.2607, 10.8593



75.4592, 72.2598, 67.0971



50.6440, 28.9207, 68.5128



15.6495, 14.7506, 13.3072



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.



41.4599, 28.2607, 10.8593



44.6636, 27.1511, 6.0186



53.0423, 51.4256, 14.7201



15.9504, 16.1138, 16.4193



20.0315, 10.8611, 1.0406



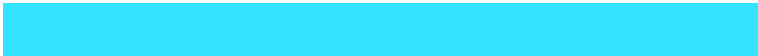
1.7213, 1.0133, 0.1049

Inverse Universe

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



43.2945, 56.9858, 89.6058



46.7708, 62.6350, 104.2324



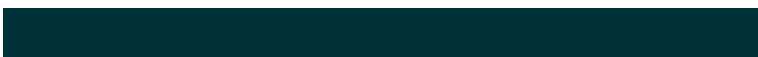
27.8198, 26.0364, 84.4476



16.0487, 17.5316, 20.2597



20.8412, 27.9065, 49.4159



1.7849, 2.4239, 4.1280

Previews

White Background



This preview shows how the XYZ color 41.4592, 28.2591, 10.8588 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 41.4592, 28.2591, 10.8588 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 41.4592, 28.2591, 10.8588

Background



This preview shows how black text looks on a background with the XYZ color 41.4592, 28.2591, 10.8588.



This preview shows how white text looks on a background with the XYZ color 41.4592, 28.2591,

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

41.4592, 28.2591, 10.8588

Protanopia

26.3373, 28.3644, 15.1531

Deuteranopia

28.8815, 28.2417, 10.2323



Tritanopia

42.6082, 28.2943, 16.5802

Trichromacy



Original Color

41.4592, 28.2591, 10.8588

Protanomaly

30.1892, 27.0035, 13.2939

Deuteranomaly

32.4575, 27.4684, 10.4287

Tritanomaly

42.2651, 28.3096, 14.3030

Monochromacy



Original Color

41.4592, 28.2591, 10.8588

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

28.6354, 25.4598, 20.5445

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.4592, 28.2591, 10.8588 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(238, 102, 80)` looks like.

```
.text, #text, p{  
    color:rgb(238, 102, 80)  
}
```

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(238, 102, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 102, 80) }
```

Border

The CSS property to change the border of an element to XYZ 41.4592, 28.2591, 10.8588 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(238, 102, 80) }
```


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

```
.border{ border-color:rgb(238, 102, 80) }
```

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

Here you see how a box with a 4 pixel rgb(238, 102, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 102, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 102, 80);  
box-shadow:4px 4px 4px 4px rgb(238, 102,  
80) }
```

Background

The CSS property to change the background color of an element to XYZ 41.4592, 28.2591, 10.8588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 102, 80) }
```

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

```
.background{ background-color: rgb(238,  
102, 80) }
```

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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