

Converting Colors

XYZ(43.6812, 29.7286, 9.6355)

Have a look what the booklet for
XYZ(43.6812, 29.7286, 9.6355)
contains.

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Color

**XYZ(43.7762, 29.7810,
9.5719)**

Conversions

Conversions Part 1

Format	Color
Hex	F56848
RGB	245, 104, 72
RGB Percent	96%, 41%, 28%
CMY	0.0392, 0.5921, 0.7176
CMYK	0.00, 0.58, 0.71, 0.04
HSL	11°, 90%, 62%
HSV	11°, 71%, 96%
XYZ	43.7762, 29.7810, 9.5719
YIQ	142.5110, 94.3080, 19.9400

Conversions

Conversions Part 2

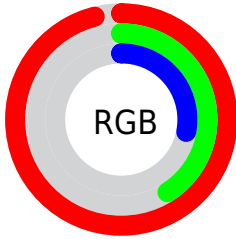
Format	Color
R_{YB}	245, 111, 72
Decimal	16083016
CIE _{Lab}	61.46, 52.23, 44.63
CIE _{LCh}	61, 68.704, 40.513
Yxy	29.7810, 0.5266, 0.3582
Android (android.graphics.Color)	4294273096 (0xFFFF56848)
YUV	142.5110, -34.7619, 89.8829
Hunter-Lab	54.5720, 47.6871, 27.8009

Details

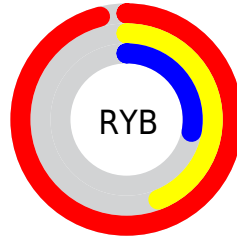
The XYZ color **43.7762, 29.7810, 9.5719** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **42.9460, 55.5544, 94.8452**, and the grayscale version is **26.0224, 27.3776, 29.8142**.

A 20% lighter version of the original color is **57.1510, 47.4614, 24.5611**, and **20.5652, 12.2119, 2.1929** is the 20% darker color. If you saturate the color by 10%, you get **41.3528, 25.9688, 5.5756**, and if you desaturate by 10%, it is **46.9950, 34.6754, 15.4037**.

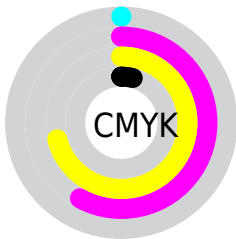
Distribution



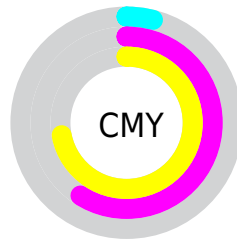
- Red (96%)
- Green (41%)
- Blue (28%)



- Red (96%)
- Yellow (44%)
- Blue (28%)



- Cyan (0%)
- Magenta (58%)
- Yellow (71%)
- Black (4%)





- Cyan (4%)
- Magenta (59%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.7762, 29.7810, 9.5719 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 43.7762, 29.7810, 9.5719 by changing the saturation by 10% instead.


 43.7762, 29.7810,
9.5719


 43.7762, 29.7810,
9.5719


352.6619,
300.8823, 197.9612

 30.6918, 19.6724,
5.0142


 80.1293, 59.3157,
25.5822

 20.5149, 12.1571,
2.1967


 104.1287, 79.5106,
37.8719


 12.8803, 6.8508,
0.6725


 132.4971,
103.8363, 53.5760

 7.4226, 3.3690,
0.0000

 165.5999,
132.6774, 73.1130

 3.7764, 1.3273,
0.0000

 203.8024,
166.4181, 96.9015

 1.5765, 0.1622,
0.0000

247.4700,

 0.3770, 0.0000,

205.4429, 125.3600

0.0000

296.9680,
250.1362, 158.9071

■ 0.0000, 0.0000,
0.0000

■ 43.7762, 29.7810,
9.5719

■ 43.7762, 29.7810,
9.5719

■ 41.3528, 25.9688,
5.5756

■ 46.9950, 34.6754,
15.4037

■ 39.6482, 23.1495,
3.1893


■ 51.0718, 40.7221,
23.2578


■ 38.6069, 21.3144,
2.0793


■ 56.0648, 47.9908,
33.2992

■ 62.0266, 56.5445,
45.6756

■ 69.0056, 66.4415,
60.5217

 77.0470, 77.7365,
77.9621

 86.1932, 90.4814,
98.1126

 91.4659, 98.1523,
108.7323

Harmonies

Analogous

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



49.1954, 29.7810, 24.1263



43.7762, 29.7810, 9.5719



34.5440, 29.7810, 4.4308

Triad

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



43.7762, 29.7810, 9.5719



14.8226, 29.7810, 18.4338



31.6151, 29.7810, 110.7066

Complementary

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



43.7762, 29.7810, 9.5719



42.9460, 55.5544, 94.8452

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.



22.8680, 29.7810, 106.1751



43.7762, 29.7810, 9.5719



14.3676, 29.7810, 42.4404

Square

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



43.7762, 29.7810, 9.5719



18.4049, 29.7810, 7.3212



16.9917, 29.7810, 77.0067



41.2414, 29.7810, 87.2883

Rectangle

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



43.7762, 29.7810, 9.5719



28.1498, 29.7810, 3.7135



16.9917, 29.7810, 77.0067



28.4626, 29.7810, 112.6175

Sweetspot

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



43.7769, 29.7827, 9.5724



75.2189, 72.2648, 65.5203



52.0196, 28.8657, 65.9691



15.6257, 14.7973, 13.0086



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.



43.7769, 29.7827, 9.5724



44.3434, 26.9006, 4.7101



57.2860, 56.8010, 14.0755



16.7471, 16.9784, 17.1921



20.8709, 11.6273, 1.1443



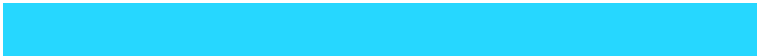
1.9009, 1.1551, 0.1228

Inverse Universe

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



42.9460, 55.5544, 94.8452



43.1328, 56.1854, 103.1793



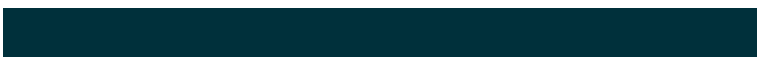
26.7154, 23.0932, 89.4350



16.7208, 18.2059, 21.1754



20.0599, 25.9136, 50.4826



1.8291, 2.4096, 4.4589

Previews

White Background



This preview shows how the XYZ color 43.7762, 29.7810, 9.5719 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 43.7762, 29.7810, 9.5719 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 43.7762, 29.7810, 9.5719

Background



This preview shows how black text looks on a background with the XYZ color 43.7762, 29.7810, 9.5719.



This preview shows how white text looks on a background with the XYZ color 43.7762, 29.7810,

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

43.7762, 29.7810, 9.5719

Protanopia

27.5720, 29.9695, 13.3483

Deuteranopia

30.6060, 30.0305, 9.0338



Tritanopia

45.5165, 29.9291, 17.0136

Trichromacy



Original Color

43.7762, 29.7810, 9.5719

Protanomaly

31.9028, 28.7217, 11.8450

Deuteranomaly

34.4644, 29.1090, 9.1123

Tritanomaly

44.6801, 29.7083, 13.9691

Monochromacy



Original Color

43.7762, 29.7810, 9.5719

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

29.8835, 26.6882, 20.4059

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7762, 29.7810, 9.5719 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(245, 104, 72)` looks like.

```
.text, #text, p{  
    color:rgb(245, 104, 72)  
}
```

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(245, 104, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 104, 72) }
```

Border

The CSS property to change the border of an element to XYZ 43.7762, 29.7810, 9.5719 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(245, 104, 72) }
```


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

```
.border{ border-color:rgb(245, 104, 72) }
```

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

Here you see how a box with a 4 pixel rgb(245, 104, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 104, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 104, 72);  
box-shadow:4px 4px 4px 4px rgb(245, 104,  
72) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7762, 29.7810, 9.5719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 104, 72) }
```

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

```
.background{ background-color: rgb(245,  
104, 72) }
```

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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