

Converting Colors

XYZ(45.0719, 28.2918, 8.7155)

Have a look what the booklet for
XYZ(45.0719, 28.2918, 8.7155)
contains.

| | |
|--|----|
| XYZ(45.0719, 28.2918, 8.7155) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(45.0719, 28.2918,
8.7155)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FD5845 |
| RGB | 253, 88, 69 |
| RGB Percent | 99%, 35%, 27% |
| CMY | 0.0078, 0.6549, 0.7294 |
| CMYK | 0.00, 0.65, 0.73, 0.01 |
| HSL | 6°, 98%, 63% |
| HSV | 6°, 73%, 99% |
| XYZ | 45.0719, 28.2918, 8.7155 |
| YIQ | 135.1690, 104.4390, 29.0710 |

Conversions

Conversions Part 2

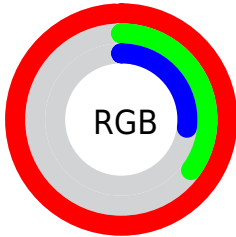
| Format | Color |
|-------------------------------------|---------------------------------|
| R_{YB} | 253, 90, 69 |
| Decimal | 16603205 |
| CIE _{Lab} | 60.15, 61.67, 45.10 |
| CIE _{LCh} | 60, 76.400, 36.181 |
| Yxy | 28.2918, 0.5491, 0.3447 |
| Android (android.graphics.Color) | 4294793285 (0xFFFD5845) |
| YUV | 135.1690, -32.6213, 103.3378 |
| Hunter-Lab | 53.1900, 58.1738, 27.5180 |

Details

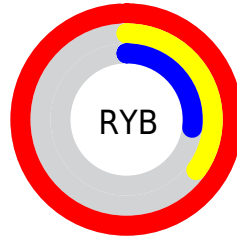
The XYZ color **45.0719, 28.2918, 8.7155** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed red. A complement of this color would be **49.6034, 67.1963, 103.2836**, and the grayscale version is **23.1836, 24.3909, 26.5617**.

A 20% lighter version of the original color is **54.6354, 42.8188, 22.5248**, and **21.3911, 11.3810, 1.8799** is the 20% darker color. If you saturate the color by 10%, you get **42.8657, 24.8801, 4.8966**, and if you desaturate by 10%, it is **48.1930, 32.9989, 14.4899**.

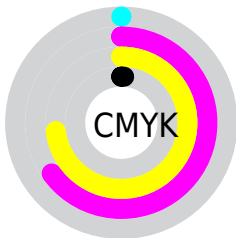
Distribution



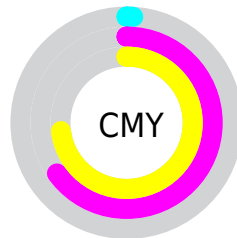
- Red (99%)
- Green (35%)
- Blue (27%)



- Red (99%)
- Yellow (35%)
- Blue (27%)



- Cyan (0%)
- Magenta (65%)
- Yellow (73%)
- Black (1%)





- Cyan (1%)
- Magenta (65%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.0719, 28.2918, 8.7155 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 45.0719, 28.2918, 8.7155 by changing the saturation by 10% instead.


 45.0719, 28.2918,
8.7155


 45.0719, 28.2918,
8.7155

357.8435,
293.8586, 191.3804


 31.7156, 18.5457,
4.4618


 82.0647, 56.9500,
23.9185

 21.2988, 11.3425,
1.8820


 106.4319, 76.6309,
35.7050

 13.4563, 6.2977,
0.4812


 135.2001,
100.3922, 50.8394

 7.8227, 3.0269,
0.0000

 168.7346,
128.6183, 69.7404

 4.0325, 1.1458,
0.0000

 207.4009,
161.6936, 92.8264

 1.7206, 0.0168,
0.0000

251.5642,

 0.4691, 0.0000,

200.0025, 120.5161

0.0000

301.5899,
243.9294, 153.2279

■ 0.0000, 0.0000,
0.0000

■ 45.0719, 28.2918,
8.7155

■ 45.0719, 28.2918,
8.7155

■ 42.8657, 24.8801,
4.8966

■ 48.1930, 32.9989,
14.4899

■ 41.4710, 22.6291,
2.7717

■ 52.3137, 39.1090,
22.4340

■ 40.8802, 21.6275,
2.0199

■ 57.5109, 46.7239,
32.7353

■ 63.8534, 55.9344,
45.5607

■ 71.4043, 66.8245,
61.0619

80.2220, 79.4719,
79.3786

90.3612, 93.9497,
100.6410

94.3177, 99.6225,
108.8657

Harmonies

Analogous

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



50.2112, 28.2918, 25.3698



45.0719, 28.2918, 8.7155



35.2085, 28.2918, 3.1509

Triad

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



45.0719, 28.2918, 8.7155



13.1110, 28.2918, 13.7917



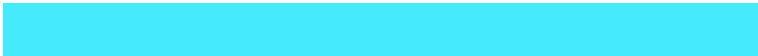
28.9634, 28.2918, 121.1607

Complementary

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



45.0719, 28.2918, 8.7155



49.6034, 67.1963, 103.2836

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.



19.9981, 28.2918, 110.8355



45.0719, 28.2918, 8.7155



12.2094, 28.2918, 36.9657

Square

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



45.0719, 28.2918, 8.7155



17.2591, 28.2918, 4.5946



14.4037, 28.2918, 74.7050



39.5682, 28.2918, 97.7878

Rectangle

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



45.0719, 28.2918, 8.7155



28.1605, 28.2918, 2.2725



14.4037, 28.2918, 74.7050



25.6593, 28.2918, 121.6429

Sweetspot

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



45.0725, 28.2934, 8.7159



73.2959, 68.8963, 63.4072



57.5734, 31.1138, 81.2652



15.2098, 14.0583, 12.5841



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.



45.0725, 28.2934, 8.7159



42.9342, 24.2059, 3.8592



57.7823, 53.7129, 12.9525



18.1604, 18.2889, 18.7173



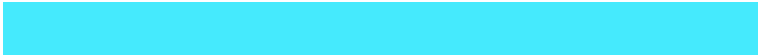
21.7947, 11.6007, 1.0904



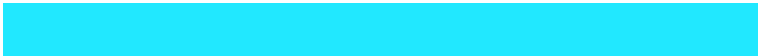
2.1696, 1.2246, 0.1220

Inverse Universe

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



49.6034, 67.1963, 103.2836



47.5608, 65.3035, 104.7059



29.9463, 27.8821, 96.7312



18.3851, 20.1418, 23.1687



24.0872, 33.0841, 54.5509



2.3895, 3.3098, 5.3262

Previews

White Background



This preview shows how the XYZ color 45.0719, 28.2918, 8.7155 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 45.0719, 28.2918, 8.7155 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 45.0719, 28.2918, 8.7155

Background



This preview shows how black text looks on a background with the XYZ color 45.0719, 28.2918, 8.7155.



This preview shows how white text looks on a background with the XYZ color 45.0719, 28.2918,

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

45.0719, 28.2918, 8.7155

Protanopia

26.1849, 28.3263, 13.3199

Deuteranopia

28.9340, 28.3165, 8.0783



Tritanopia

45.9670, 28.3060, 12.7137

Trichromacy



Original Color

45.0719, 28.2918, 8.7155

Protanomaly

30.6852, 26.3468, 11.2527

Deuteranomaly

33.3458, 27.0572, 8.1677

Tritanomaly

45.7238, 28.3356, 11.0420

Monochromacy



Original Color

45.0719, 28.2918, 8.7155

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

27.7078, 23.5695, 18.1279

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.0719, 28.2918, 8.7155 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(253, 88, 69)` looks like.

```
.text, #text, p{  
    color:rgb(253, 88, 69)  
}
```

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(253, 88, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 88, 69) }
```

Border

The CSS property to change the border of an element to XYZ 45.0719, 28.2918, 8.7155 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(253, 88, 69) }
```


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

```
.border{ border-color:rgb(253, 88, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 88, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 88, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 88, 69);  
box-shadow:4px 4px 4px 4px rgb(253, 88,  
69) }
```

Background

The CSS property to change the background color of an element to XYZ 45.0719, 28.2918, 8.7155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 88, 69) }
```

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

```
.background{ background-color: rgb(253, 88,  
69) }
```

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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