

Converting Colors

XYZ(45.3609, 28.5626, 10.4547)

Have a look what the booklet for
XYZ(45.3609, 28.5626, 10.4547)
contains.

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Color

**XYZ(45.4917, 28.5919,
10.5183)**

Conversions

Conversions Part 1

Format	Color
Hex	FD594F
RGB	253, 89, 79
RGB Percent	99%, 35%, 31%
CMY	0.0078, 0.6509, 0.6902
CMYK	0.00, 0.65, 0.69, 0.01
HSL	3°, 98%, 65%
HSV	3°, 69%, 99%
XYZ	45.4917, 28.5919, 10.5183
YIQ	136.8960, 100.9540, 31.6580

Conversions

Conversions Part 2

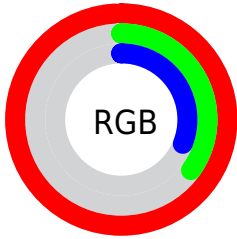
Format	Color
R_{YB}	253, 90, 79
Decimal	16603471
CIE _{Lab}	60.42, 61.72, 39.99
CIE _{LCh}	60, 73.540, 32.942
Yxy	28.5919, 0.5377, 0.3380
Android (android.graphics.Color)	4294793551 (0xFFFD594F)
YUV	136.8960, -28.5427, 101.8232
Hunter-Lab	53.4714, 58.2870, 25.7671

Details

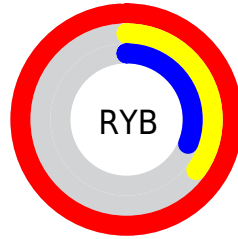
The XYZ color **45.4917, 28.5919, 10.5183** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle washed red. A complement of this color would be **53.0017, 72.8494, 104.1959**, and the grayscale version is **23.8176, 25.0580, 27.2882**.

A 20% lighter version of the original color is **55.4813, 43.4027, 26.2223**, and **21.5477, 11.5024, 2.5233** is the 20% darker color. If you saturate the color by 10%, you get **43.0665, 24.9457, 5.9985**, and if you desaturate by 10%, it is **48.9108, 33.6661, 17.0974**.

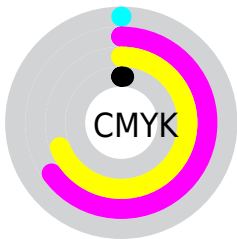
Distribution



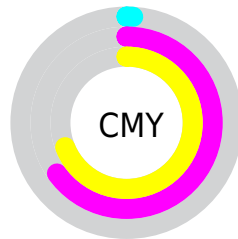
- Red (99%)
- Green (35%)
- Blue (31%)



- Red (99%)
- Yellow (35%)
- Blue (31%)



- Cyan (0%)
- Magenta (65%)
- Yellow (69%)
- Black (1%)





- Cyan (1%)
- Magenta (65%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.4917, 28.5919, 10.5183 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 45.4917, 28.5919, 10.5183 by changing the saturation by 10% instead.


 45.4917, 28.5919,
10.5183


 45.4917, 28.5919,
10.5183


359.5116,
295.2845, 204.9497

 32.0478, 18.7723,
5.6339


 82.6903, 57.4281,
27.3888

 21.5538, 11.5059,
2.5586


 107.1757, 77.2134,
40.2120


 13.6441, 6.4082,
0.8710


 136.0724,
101.0895, 56.5185

 7.9536, 3.0948,
0.0000

 169.7456,
129.4407, 76.7268

 4.1168, 1.1814,
0.0000

 208.5608,
162.6514, 101.2556

 1.7684, 0.0465,
0.0000

252.8833,

 0.4985, 0.0000,

201.1060, 130.5233

0.0000

303.0785,
245.1889, 164.9485

■ 0.0000, 0.0000,
0.0000

■ 45.4917, 28.5919,
10.5183

■ 45.4917, 28.5919,
10.5183

■ 43.0665, 24.9457,
5.9985

■ 48.9108, 33.6661,
17.0974

■ 41.5263, 22.5765,
3.2930

■ 53.4133, 40.2895,
25.9404


■ 40.7327, 21.3052,
2.0545

■ 59.0812, 48.5764,
37.2290

■ 40.6724, 21.2117,
1.9506

■ 65.9878, 58.6287,
51.1260

■ 74.2006, 70.5401,
67.7799

 83.7820, 84.3978,
87.3285

94.3178, 99.6225,
108.8657

Harmonies

Analogous

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



49.7075, 28.5919, 28.5324



45.4917, 28.5919, 10.5183



36.3249, 28.5919, 3.9607

Triad

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



45.4917, 28.5919, 10.5183



13.9756, 28.5919, 12.9300



28.1206, 28.5919, 117.6010

Complementary

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



45.4917, 28.5919, 10.5183



53.0017, 72.8494, 104.1959

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.



19.7083, 28.5919, 104.4514



45.4917, 28.5919, 10.5183



12.7499, 28.5919, 33.8843

Square

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



45.4917, 28.5919, 10.5183



18.4310, 28.5919, 4.6767



14.5838, 28.5919, 68.9521



38.3238, 28.5919, 98.5697

Rectangle

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



45.4917, 28.5919, 10.5183



29.4742, 28.5919, 2.7635



14.5838, 28.5919, 68.9521



25.0000, 28.5919, 116.8112

Sweetspot

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



45.4924, 28.5935, 10.5188



73.5548, 68.9366, 64.9656



59.6785, 33.0245, 89.0555



15.2383, 14.0225, 12.8795



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.



45.4924, 28.5935, 10.5188



43.0738, 24.2195, 4.7239



57.1908, 51.9904, 14.4182



18.0932, 18.1546, 18.6949



21.6685, 11.3482, 1.0484



2.1379, 1.1612, 0.1115

Inverse Universe

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



53.0017, 72.8494, 104.1959



51.0592, 71.7376, 105.7634



33.0619, 32.9698, 97.5493



18.4601, 20.2918, 23.1937



25.8030, 36.5155, 55.1228



2.5385, 3.6077, 5.3758

Previews

White Background



This preview shows how the XYZ color 45.4917, 28.5919, 10.5183 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 45.4917, 28.5919, 10.5183 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 45.4917, 28.5919, 10.5183

Background



This preview shows how black text looks on a background with the XYZ color 45.4917, 28.5919, 10.5183.



This preview shows how white text looks on a background with the XYZ color 45.4917, 28.5919,

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

45.4917, 28.5919, 10.5183

Protanopia

26.6797, 28.7470, 16.1991

Deuteranopia

29.1605, 28.6107, 9.7799



Tritanopia

46.2130, 28.6599, 13.2214

Trichromacy



Original Color

45.4917, 28.5919, 10.5183

Protanomaly

31.2577, 26.7774, 13.6463

Deuteranomaly

33.7721, 27.4212, 9.8162

Tritanomaly

46.0831, 28.7384, 12.1350

Monochromacy



Original Color

45.4917, 28.5919, 10.5183

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

28.4593, 24.2776, 19.7091

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.4917, 28.5919, 10.5183 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, 89, 79)` looks like.

```
.text, #text, p{  
    color:rgb(253, 89, 79)  
}
```

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, 89, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 89, 79) }
```

Border

The CSS property to change the border of an element to XYZ 45.4917, 28.5919, 10.5183 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, 89, 79) }
```


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

```
.border{ border-color:rgb(253, 89, 79) }
```

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

Here you see how a box with a 4 pixel rgb(253, 89, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 89, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 89, 79);  
box-shadow:4px 4px 4px 4px rgb(253, 89,  
79) }
```

Background

The CSS property to change the background color of an element to XYZ 45.4917, 28.5919, 10.5183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 89, 79) }
```

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

```
.background{ background-color: rgb(253, 89,  
79) }
```

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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