

Converting Colors

XYZ(45.1204, 27.1288, 10.8409)

Have a look what the booklet for
XYZ(45.1204, 27.1288, 10.8409)
contains.

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Color

**XYZ(45.1204, 27.1288,
10.8409)**

Conversions

Conversions Part 1

Format	Color
Hex	FE4E52
RGB	254, 78, 82
RGB Percent	100%, 31%, 32%
CMY	0.0039, 0.6941, 0.6784
CMYK	0.00, 0.69, 0.68, 0.00
HSL	359°, 99%, 65%
HSV	359°, 69%, 100%
XYZ	45.1204, 27.1288, 10.8409
YIQ	131.0800, 103.6120, 38.5560

Conversions

Conversions Part 2

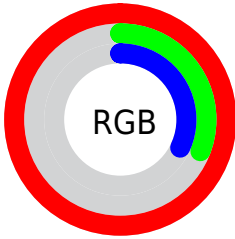
Format	Color
R_{YB}	254, 78, 82
Decimal	16666194
CIE _{Lab}	59.09, 66.37, 36.77
CIE _{LCh}	59, 75.874, 28.991
Yxy	27.1288, 0.5430, 0.3265
Android (android.graphics.Color)	4294856274 (0xFFFE4E52)
YUV	131.0800, -24.1964, 107.8008
Hunter-Lab	52.0853, 63.4815, 24.1193

Details

The XYZ color **45.1204, 27.1288, 10.8409** 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 **55.8414, 79.4061, 102.8350**, and the grayscale version is **21.6614, 22.7895, 24.8177**.

A 20% lighter version of the original color is **54.3505, 40.8173, 26.8437**, and **21.5691, 11.0807, 2.7522** is the 20% darker color. If you saturate the color by 10%, you get **42.8712, 23.8788, 6.2435**, and if you desaturate by 10%, it is **48.4087, 31.9112, 17.4697**.

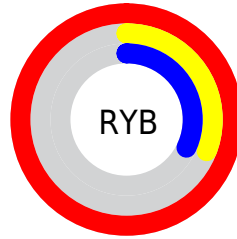
Distribution



Red (100%)

Green (31%)

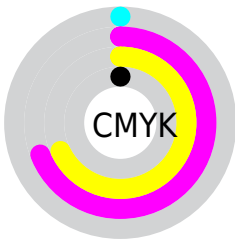
Blue (32%)



Red (100%)

Yellow (31%)

Blue (32%)

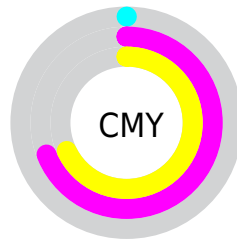


Cyan (0%)

Magenta (69%)

Yellow (68%)

Black (0%)



Cyan (0%)


Magenta (69%)


Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.1204, 27.1288, 10.8409 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 45.1204, 27.1288, 10.8409 by changing the saturation by 10% instead.


 45.1204, 27.1288,
10.8409


 45.1204, 27.1288,
10.8409


358.0365,
288.2802, 207.2709

 31.7540, 17.6700,
5.8471


 82.1370, 55.0905,
27.9977


 21.3283, 10.7133,
2.6851


 106.5179, 74.3621,
40.9979


 13.4780, 5.8744,
0.9359


 135.3009, 97.6735,
57.5039

 7.8378, 2.7689,
0.0000

 168.8515,
125.4090, 77.9343

 4.0422, 1.0123,
0.0000

 207.5350,
157.9530, 102.7077

 1.7261, 0.0000,
0.0000

251.7168,

 0.4725, 0.0000,

195.6900, 132.2425

0.0000

301.7621,
239.0042, 166.9574

■ 0.0000, 0.0000,
0.0000

■ 45.1204, 27.1288,
10.8409

■ 45.1204, 27.1288,
10.8409

■ 42.8712, 23.8788,
6.2435

■ 48.4087, 31.9112,
17.4697

■ 41.5351, 21.9705,
3.4433

■ 52.8392, 38.3781,
26.3269


■ 40.9337, 21.1265,
2.1366

■ 58.5043, 46.6683,
37.5875

■ 40.9043, 21.0833,
2.0789

■ 65.4868, 56.9051,
51.4086

■ 73.8623, 69.2011,
67.9344

 83.7005, 83.6602,
87.2980

94.6828, 99.8107,
108.8828

Harmonies

Analogous

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



48.4967, 27.1288, 30.4624



45.1204, 27.1288, 10.8409



36.3003, 27.1288, 3.6420

Triad

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



45.1204, 27.1288, 10.8409



13.1569, 27.1288, 10.0492



25.4672, 27.1288, 117.8290

Complementary

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



45.1204, 27.1288, 10.8409



55.8414, 79.4061, 102.8350

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.



17.5262, 27.1288, 100.1485



45.1204, 27.1288, 10.8409



11.5722, 27.1288, 28.6337

Square

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



45.1204, 27.1288, 10.8409



17.9572, 27.1288, 3.4202



12.9540, 27.1288, 62.5348



35.6101, 27.1288, 102.2262

Rectangle

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



45.1204, 27.1288, 10.8409



29.4051, 27.1288, 2.2636



12.9540, 27.1288, 62.5348



22.4751, 27.1288, 115.4616

Sweetspot

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



45.1210, 27.1304, 10.8413



72.9711, 67.5392, 65.4804



59.3731, 32.5870, 96.9259



15.1031, 13.6989, 12.9985



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.



45.1210, 27.1304, 10.8413



42.6532, 23.2279, 5.0476



54.8433, 46.8109, 13.3549



18.0261, 17.9937, 18.7545



21.5725, 11.1183, 1.1335



2.1060, 1.0848, 0.1399

Inverse Universe

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



45.1210, 27.1304, 10.8413



42.6532, 23.2279, 5.0476



35.7603, 38.2322, 99.2601



18.0261, 17.9937, 18.7545



21.5725, 11.1183, 1.1335



2.1060, 1.0848, 0.1399

Previews

White Background



This preview shows how the XYZ color 45.1204, 27.1288, 10.8409 looks on a white background.

Color Contrast Check

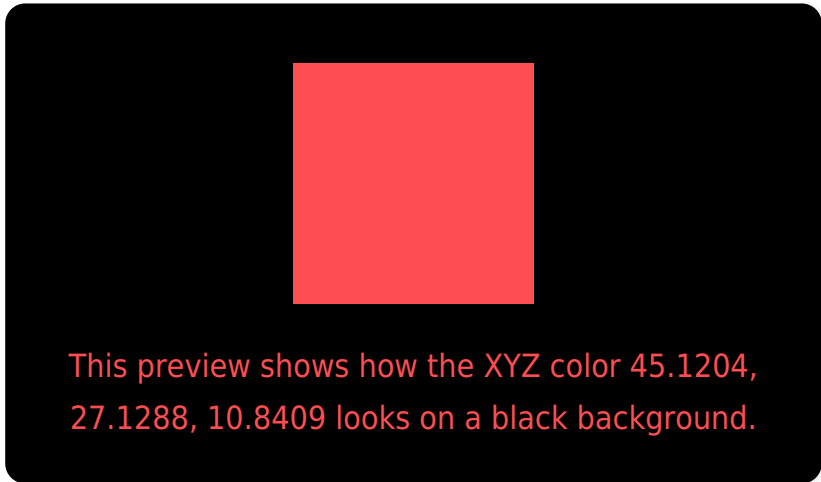
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 45.1204, 27.1288, 10.8409

Background



This preview shows how black text looks on a background with the XYZ color 45.1204, 27.1288, 10.8409.



This preview shows how white text looks on a background with the XYZ color 45.1204, 27.1288,

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

45.1204, 27.1288, 10.8409

Protanopia

25.4114, 27.1589, 17.5385

Deuteranopia

27.6531, 27.1902, 9.9216



Tritanopia

45.1204, 27.1288, 10.8409

Trichromacy



Original Color

45.1204, 27.1288, 10.8409

Protanomaly

29.9897, 25.0039, 14.5549

Deuteranomaly

32.3371, 25.6206, 10.0784

Tritanomaly

45.1204, 27.1288, 10.8409

Monochromacy



Original Color

45.1204, 27.1288, 10.8409

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

26.6793, 22.0107, 18.4651

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.1204, 27.1288, 10.8409 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(254, 78, 82)` looks like.

```
.text, #text, p{  
    color:rgb(254, 78, 82)  
}
```

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(254, 78, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 78, 82) }
```

Border

The CSS property to change the border of an element to XYZ 45.1204, 27.1288, 10.8409 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(254, 78, 82) }
```


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

```
.border{ border-color:rgb(254, 78, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 78, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 78, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 78, 82);  
box-shadow:4px 4px 4px 4px rgb(254, 78,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 45.1204, 27.1288, 10.8409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 78, 82) }
```

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

```
.background{ background-color: rgb(254, 78,  
82) }
```

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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