

Converting Colors

XYZ(45.1493, 27.2589, 8.8431)

Have a look what the booklet for
XYZ(45.1493, 27.2589, 8.8431)
contains.

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Color

**XYZ(45.1733, 27.3069,
8.8511)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4F47
RGB	255, 79, 71
RGB Percent	100%, 31%, 28%
CMY	0.0000, 0.6901, 0.7216
CMYK	0.00, 0.69, 0.72, 0.00
HSL	3°, 100%, 64%
HSV	3°, 72%, 100%
XYZ	45.1733, 27.3069, 8.8511
YIQ	130.7120, 107.4640, 34.8240

Conversions

Conversions Part 2

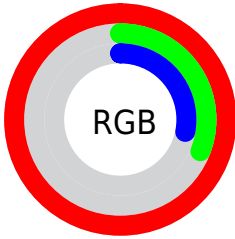
Format	Color
R_{YB}	255, 79, 71
Decimal	16731975
CIE _{Lab}	59.26, 65.81, 43.12
CIE _{LCh}	59, 78.678, 33.230
Yxy	27.3069, 0.5554, 0.3357
Android (android.graphics.Color)	4294922055 (0xFFFF4F47)
YUV	130.7120, -29.4380, 109.0006
Hunter-Lab	52.2560, 62.8584, 26.5367

Details

The XYZ color **45.1733, 27.3069, 8.8511** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **53.9055, 75.0737, 106.2566**, and the grayscale version is **21.5471, 22.6692, 24.6867**.

A 20% lighter version of the original color is **53.7186, 40.7930, 22.8119**, and **21.4217, 11.0217, 1.9756** is the 20% darker color. If you saturate the color by 10%, you get **43.0714, 24.1498, 4.9248**, and if you desaturate by 10%, it is **48.2645, 31.8943, 14.8000**.

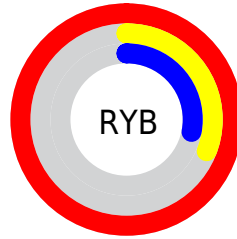
Distribution



Red (100%)

Green (31%)

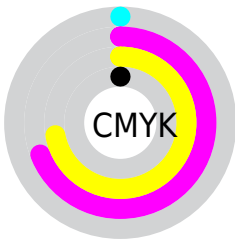
Blue (28%)



Red (100%)

Yellow (31%)

Blue (28%)

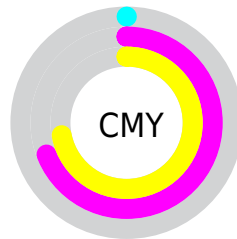


Cyan (0%)

Magenta (69%)

Yellow (72%)

Black (0%)



Cyan (0%)


Magenta (69%)


Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.1733, 27.3069, 8.8511 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 45.1733, 27.3069, 8.8511 by changing the saturation by 10% instead.


 45.1733, 27.3069,
8.8511


 45.1733, 27.3069,
8.8511


358.2469,
289.1400, 192.4402


 31.7958, 17.8038,
4.5487


 82.2159, 55.3760,
24.1839

 21.3604, 10.8093,
1.9309


 106.6117, 74.7107,
36.0515

 13.5016, 5.9387,
0.5123


 135.4109, 98.0916,
51.2778

 7.8542, 2.8079,
0.0000

 168.9790,
125.9028, 70.2815

 4.0528, 1.0323,
0.0000

 207.6813,
158.5289, 93.4810

 1.7321, 0.0000,
0.0000

251.8832,

 0.4762, 0.0000,

196.3542, 121.2949

0.0000

301.9499,
239.7631, 154.1418

■ 0.0000, 0.0000,
0.0000

■ 45.1733, 27.3069,
8.8511

■ 45.1733, 27.3069,
8.8511

■ 43.0714, 24.1498,
4.9248

■ 48.2645, 31.8943,
14.8000

■ 41.8362, 22.2507,
2.7517

■ 52.4446, 38.0490,
22.9926


■ 41.3606, 21.5016,
1.9703

■ 57.8032, 45.8975,
33.6227

■ 64.4201, 55.5520,
46.8627

■ 72.3680, 67.1150,
62.8695

 81.7143, 80.6816,
81.7876

 92.5215, 96.3402,
103.7513

95.0497, 99.9998,
108.9000

Harmonies

Analogous

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



49.7444, 27.3069, 26.7879



45.1733, 27.3069, 8.8511



35.4236, 27.3069, 2.8682

Triad

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



45.1733, 27.3069, 8.8511



12.4808, 27.3069, 11.4192



27.0331, 27.3069, 123.0221

Complementary

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



45.1733, 27.3069, 8.8511



53.9055, 75.0737, 106.2566

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.



18.3437, 27.3069, 108.8825



45.1733, 27.3069, 8.8511



11.2965, 27.3069, 32.8854

Square

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



45.1733, 27.3069, 8.8511



16.9198, 27.3069, 3.5581



13.1455, 27.3069, 70.3118



37.7402, 27.3069, 101.8013

Rectangle

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



45.1733, 27.3069, 8.8511



28.2449, 27.3069, 1.8726



13.1455, 27.3069, 70.3118



23.7912, 27.3069, 122.2731

Sweetspot

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



45.1739, 27.3085, 8.8515



72.5038, 67.3121, 63.1431



60.5710, 32.5976, 92.6124



15.0272, 13.6930, 12.5232



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.



45.1739, 27.3085, 8.8515



42.3736, 23.0846, 3.6723



56.5898, 50.1404, 12.6568



18.0728, 18.1137, 18.6881



21.6392, 11.2896, 1.0386



2.1283, 1.1419, 0.1082

Inverse Universe

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



53.9055, 75.0737, 106.2566



51.4376, 73.0570, 105.9981



32.6829, 32.6285, 99.1824



18.4831, 20.3378, 23.2014



26.3491, 37.6078, 55.3049



2.5857, 3.7021, 5.3916

Previews

White Background



This preview shows how the XYZ color 45.1733, 27.3069, 8.8511 looks on a white background.

Color Contrast Check

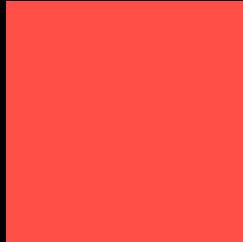
Large Text (above 18pt) WCAG AA ✓ Pass

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 45.1733, 27.3069, 8.8511 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 45.1733, 27.3069, 8.8511

Background



This preview shows how black text looks on a background with the XYZ color 45.1733, 27.3069, 8.8511.



This preview shows how white text looks on a background with the XYZ color 45.1733, 27.3069,

8.8511.

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

45.1733, 27.3069, 8.8511

Protanopia

25.3158, 27.4038, 14.3111

Deuteranopia

27.7512, 27.2817, 8.0782



Tritanopia

45.4874, 27.3180, 10.8581

Trichromacy



Original Color

45.1733, 27.3069, 8.8511

Protanomaly

29.8420, 25.1652, 11.8788

Deuteranomaly

32.2330, 25.6108, 8.0950

Tritanomaly

45.3395, 27.2588, 10.0796

Monochromacy



Original Color

45.1733, 27.3069, 8.8511

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

26.4590, 21.9226, 17.3049

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.1733, 27.3069, 8.8511 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(255, 79, 71)` looks like.

```
.text, #text, p{  
    color:rgb(255, 79, 71)  
}
```

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(255, 79, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 79, 71) }
```

Border

The CSS property to change the border of an element to XYZ 45.1733, 27.3069, 8.8511 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(255, 79, 71) }
```


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

```
.border{ border-color:rgb(255, 79, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 79, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 79, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 79, 71);  
box-shadow:4px 4px 4px 4px rgb(255, 79,  
71) }
```

Background

The CSS property to change the background color of an element to XYZ 45.1733, 27.3069, 8.8511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 79, 71) }
```

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

```
.background{ background-color: rgb(255, 79,  
71) }
```

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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