

Converting Colors

XYZ(44.6026, 26.5062, 9.4053)

Have a look what the booklet for
XYZ(44.6026, 26.5062, 9.4053)
contains.

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Color

**XYZ(44.5918, 26.4764,
9.4168)**

Conversions

Conversions Part 1

Format	Color
Hex	FE4A4B
RGB	254, 74, 75
RGB Percent	100%, 29%, 29%
CMY	0.0039, 0.7098, 0.7059
CMYK	0.00, 0.71, 0.70, 0.00
HSL	360°, 99%, 64%
HSV	360°, 71%, 100%
XYZ	44.5918, 26.4764, 9.4168
YIQ	127.9340, 106.9590, 38.4710

Conversions

Conversions Part 2

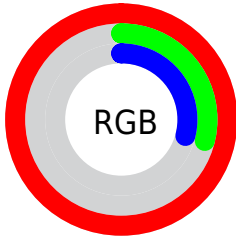
Format	Color
R_{YB}	254, 74, 75
Decimal	16665163
CIE _{Lab}	58.49, 67.45, 39.98
CIE _{LCh}	58, 78.411, 30.655
Yxy	26.4764, 0.5540, 0.3290
Android (android.graphics.Color)	4294855243 (0xFFFE4A4B)
YUV	127.9340, -26.0965, 110.5599
Hunter-Lab	51.4552, 64.6439, 25.1680

Details

The XYZ color **44.5918, 26.4764, 9.4168** 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 **55.9980, 79.4320, 105.3186**, and the grayscale version is **20.5583, 21.6289, 23.5539**.

A 20% lighter version of the original color is **53.2656, 39.4903, 23.8838**, and **21.2206, 10.9126, 2.2162** is the 20% darker color. If you saturate the color by 10%, you get **42.5251, 23.4631, 5.2758**, and if you desaturate by 10%, it is **47.6867, 30.9979, 15.5928**.

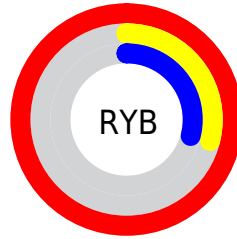
Distribution



Red (100%)

Green (29%)

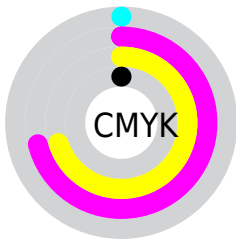
Blue (29%)



Red (100%)

Yellow (29%)

Blue (29%)

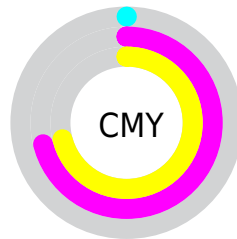


Cyan (0%)

Magenta (71%)

Yellow (70%)

Black (0%)



Cyan (0%)


Magenta (71%)


Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.5918, 26.4764, 9.4168 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 44.5918, 26.4764, 9.4168 by changing the saturation by 10% instead.


 44.5918, 26.4764,
9.4168


 44.5918, 26.4764,
9.4168


355.9294,
285.1129, 196.7886


 31.3359, 17.1804,
4.9135


 81.3484, 54.0425,
25.2831

 21.0079, 10.3632,
2.1388


 105.5798, 73.0814,
37.4831

 13.2422, 5.6404,
0.6387


 134.2004, 96.1367,
53.0859

 7.6737, 2.6277,
0.0000

 167.5756,
123.5927, 72.5098

 3.9369, 0.9406,
0.0000

 206.0708,
155.8340, 96.1735

 1.6665, 0.0000,
0.0000

250.0512,

 0.4352, 0.0000,

193.2449, 124.4955

0.0000

299.8823,
236.2097, 157.8944

■ 0.0000, 0.0000,
0.0000

■ 44.5918, 26.4764,
9.4168

■ 44.5918, 26.4764,
9.4168

■ 42.5251, 23.4631,
5.2758

■ 47.6867, 30.9979,
15.5928

■ 41.3533, 21.7599,
2.9111


■ 51.9178, 37.1846,
24.0182


■ 40.8804, 21.0737,
1.9530

■ 57.3813, 45.1786,
34.8815

■ 64.1629, 55.1059,
48.3512

■ 72.3406, 67.0811,
64.5808

 81.9864, 81.2100,
83.7117

 93.1671, 97.5908,
105.8761

94.6827, 99.8107,
108.8828

Harmonies

Analogous

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



48.4703, 26.4764, 28.2290



44.5918, 26.4764, 9.4168



35.3254, 26.4764, 2.9509

Triad

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



44.5918, 26.4764, 9.4168



12.2719, 26.4764, 9.9214



25.3764, 26.4764, 120.4250

Complementary

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



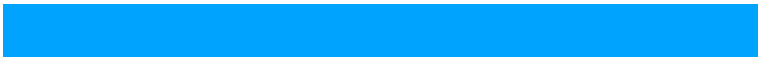
44.5918, 26.4764, 9.4168



55.9980, 79.4320, 105.3186

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.



17.1676, 26.4764, 103.6997



44.5918, 26.4764, 9.4168



10.8644, 26.4764, 29.4361

Square

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



44.5918, 26.4764, 9.4168



16.8863, 26.4764, 3.0850



12.4029, 26.4764, 65.0022



35.7849, 26.4764, 102.2892

Rectangle

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



44.5918, 26.4764, 9.4168



28.2792, 26.4764, 1.8112



12.4029, 26.4764, 65.0022



22.2883, 26.4764, 118.6252

Sweetspot

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



44.5924, 26.4780, 9.4172



72.8621, 67.4956, 64.9059



60.1223, 32.5641, 96.8819



15.0779, 13.6888, 12.8656



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.



44.5924, 26.4780, 9.4172



42.3147, 22.8117, 4.1307



54.8552, 47.0572, 12.6726



18.0135, 17.9887, 18.6881



21.5545, 11.1111, 1.0387



2.1000, 1.0824, 0.1083

Inverse Universe

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



44.5924, 26.4780, 9.4172



42.3147, 22.8117, 4.1307



34.5341, 36.2516, 98.9423



18.0135, 17.9887, 18.6881



21.5545, 11.1111, 1.0387



2.1000, 1.0824, 0.1083

Previews

White Background



This preview shows how the XYZ color 44.5918, 26.4764, 9.4168 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 44.5918, 26.4764, 9.4168 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 44.5918, 26.4764, 9.4168

Background



This preview shows how black text looks on a background with the XYZ color 44.5918, 26.4764, 9.4168.



This preview shows how white text looks on a background with the XYZ color 44.5918, 26.4764,

9.4168.

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

44.5918, 26.4764, 9.4168

Protanopia

24.7259, 26.6260, 15.6405

Deuteranopia

26.9061, 26.4190, 8.5318



Tritanopia

44.6614, 26.5042, 9.7831

Trichromacy



Original Color

44.5918, 26.4764, 9.4168

Protanomaly

29.1930, 24.2796, 12.8206

Deuteranomaly

31.4662, 24.7022, 8.5784

Tritanomaly

44.6263, 26.4902, 9.5985

Monochromacy



Original Color

44.5918, 26.4764, 9.4168

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

25.5784, 20.8279, 17.1401

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.5918, 26.4764, 9.4168 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, 74, 75)` looks like.

```
.text, #text, p{  
    color:rgb(254, 74, 75)  
}
```

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, 74, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 74, 75) }
```

Border

The CSS property to change the border of an element to XYZ 44.5918, 26.4764, 9.4168 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, 74, 75) }
```


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

```
.border{ border-color:rgb(254, 74, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 74, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 74, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 74, 75);  
box-shadow:4px 4px 4px 4px rgb(254, 74,  
75) }
```

Background

The CSS property to change the background color of an element to XYZ 44.5918, 26.4764, 9.4168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 74, 75) }
```

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

```
.background{ background-color: rgb(254, 74,  
75) }
```

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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