

Converting Colors

XYZ(43.6749, 26.0914, 9.9420)

Have a look what the booklet for
XYZ(43.6749, 26.0914, 9.9420)
contains.

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Color

**XYZ(43.6749, 26.0914,
9.9420)**

Conversions

Conversions Part 1

Format	Color
Hex	FB4B4E
RGB	251, 75, 78
RGB Percent	98%, 29%, 31%
CMY	0.0157, 0.7058, 0.6941
CMYK	0.00, 0.70, 0.69, 0.02
HSL	359°, 96%, 64%
HSV	359°, 70%, 98%
XYZ	43.6749, 26.0914, 9.9420
YIQ	127.9660, 103.9330, 38.2450

Conversions

Conversions Part 2

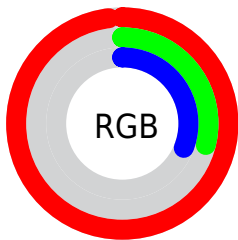
Format	Color
R_{YB}	251, 75, 78
Decimal	16468814
CIE _{Lab}	58.12, 66.34, 37.74
CIE _{LCh}	58, 76.320, 29.636
Yxy	26.0914, 0.5479, 0.3273
Android (android.graphics.Color)	4294658894 (0xFFFB4B4E)
YUV	127.9660, -24.6332, 107.9008
Hunter-Lab	51.0797, 63.2340, 24.2158

Details

The XYZ color **43.6749, 26.0914, 9.9420** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark washed red. A complement of this color would be **54.3444, 77.2682, 100.8652**, and the grayscale version is **20.5650, 21.6360, 23.5616**.

A 20% lighter version of the original color is **53.5959, 39.8425, 24.9442**, and **20.7680, 10.6746, 2.4046** is the 20% darker color. If you saturate the color by 10%, you get **41.5704, 23.0429, 5.6645**, and if you desaturate by 10%, it is **46.7832, 30.6176, 16.1905**.

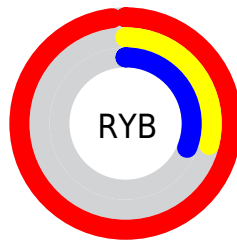
Distribution



Red (98%)

Green (29%)

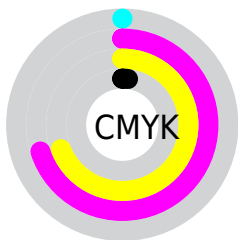
Blue (31%)



Red (98%)

Yellow (29%)

Blue (31%)

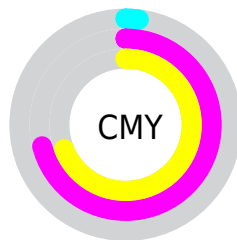


Cyan (0%)

Magenta (70%)

Yellow (69%)

Black (2%)



Cyan (2%)


Magenta (71%)


Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.6749, 26.0914, 9.9420 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 43.6749, 26.0914, 9.9420 by changing the saturation by 10% instead.


 43.6749, 26.0914,
9.9420


 43.6749, 26.0914,
9.9420


352.2546,
283.2305, 200.7274


 30.6118, 16.8920,
5.2554


 79.9777, 53.4224,
26.2925


 20.4538, 10.1575,
2.3365


 103.9481, 72.3227,
38.7934


 12.8355, 5.5035,
0.7516


 132.2851, 95.2256,
54.7362

 7.3916, 2.5456,
0.0000

 165.3539,
122.5153, 74.5395

 3.7567, 0.8994,
0.0000

 203.5199,
154.5762, 98.6217

 1.5654, 0.0000,
0.0000

247.1484,

 0.3697, 0.0000,

191.7928, 127.4014

0.0000

296.6049,
234.5494, 161.2971

■ 0.0000, 0.0000,
0.0000

■ 43.6749, 26.0914,
9.9420

■ 43.6749, 26.0914,
9.9420

■ 41.5704, 23.0429,
5.6645

■ 46.7832, 30.6176,
16.1905

■ 40.3446, 21.2834,
3.1218


■ 50.9974, 36.7714,
24.6076

■ 39.8068, 20.5185,
1.9848

■ 56.4089, 44.6891,
35.3679

■ 63.0991, 54.4917,
48.6282

■ 71.1425, 66.2894,
64.5317

 80.6075, 80.1840,
83.2107

 91.5584, 96.2704,
104.7888

 93.5934, 99.2491,
108.8318

Harmonies

Analogous

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



47.1532, 26.0914, 28.7338



43.6749, 26.0914, 9.9420



34.9109, 26.0914, 3.2357

Triad

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



43.6749, 26.0914, 9.9420



12.4086, 26.0914, 9.6664



24.6863, 26.0914, 115.7473

Complementary

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



43.6749, 26.0914, 9.9420



54.3444, 77.2682, 100.8652

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.



16.8568, 26.0914, 98.8382



43.6749, 26.0914, 9.9420



10.9349, 26.0914, 28.0869

Square

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



43.6749, 26.0914, 9.9420



17.0085, 26.0914, 3.1603



12.3375, 26.0914, 61.7400



34.6657, 26.0914, 99.5827

Rectangle

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



43.6749, 26.0914, 9.9420



28.1356, 26.0914, 1.9949



12.3375, 26.0914, 61.7400



21.7374, 26.0914, 113.6445

Sweetspot

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



43.6755, 26.0929, 9.9424



72.9350, 67.5247, 65.2901



57.6320, 31.4352, 94.2963



15.0948, 13.6956, 12.9545



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.



43.6755, 26.0929, 9.9424



42.4889, 23.0172, 4.6297



53.1344, 45.1784, 12.5785



17.2566, 17.2300, 17.9409



20.9295, 10.7875, 1.0711



1.9425, 1.0007, 0.1206

Inverse Universe

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



43.6755, 26.0929, 9.9424



42.4889, 23.0172, 4.6297



34.4792, 36.7896, 96.5501



17.2566, 17.2300, 17.9409



20.9295, 10.7875, 1.0711



1.9425, 1.0007, 0.1206

Previews

White Background



This preview shows how the XYZ color 43.6749, 26.0914, 9.9420 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 43.6749, 26.0914, 9.9420 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 43.6749, 26.0914, 9.9420

Background



This preview shows how black text looks on a background with the XYZ color 43.6749, 26.0914, 9.9420.



This preview shows how white text looks on a background with the XYZ color 43.6749, 26.0914,

9.9420.

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

43.6749, 26.0914, 9.9420

Protanopia

24.3540, 26.1995, 16.3438

Deuteranopia

26.6645, 26.0766, 9.0968



Tritanopia

43.7110, 26.1059, 10.1323

Trichromacy



Original Color

43.6749, 26.0914, 9.9420

Protanomaly

28.7147, 23.8459, 13.4452

Deuteranomaly

31.0513, 24.4737, 9.2182

Tritanomaly

43.7110, 26.1059, 10.1323

Monochromacy



Original Color

43.6749, 26.0914, 9.9420

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

25.5167, 20.9473, 17.4502

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6749, 26.0914, 9.9420 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(251, 75, 78)` looks like.

```
.text, #text, p{  
    color:rgb(251, 75, 78)  
}
```

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(251, 75, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 75, 78) }
```

Border

The CSS property to change the border of an element to XYZ 43.6749, 26.0914, 9.9420 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(251, 75, 78) }
```


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

```
.border{ border-color:rgb(251, 75, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 75, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 75, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 75, 78);  
box-shadow:4px 4px 4px 4px rgb(251, 75,  
78) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6749, 26.0914, 9.9420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 75, 78) }
```

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

```
.background{ background-color: rgb(251, 75,  
78) }
```

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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