

Converting Colors

XYZ(45.2357, 26.9934, 10.2232)

Have a look what the booklet for
XYZ(45.2357, 26.9934, 10.2232)
contains.

XYZ(45.2357, 26.9934, 10.2232)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(45.2357, 26.9934,
10.2232)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4C4F
RGB	255, 76, 79
RGB Percent	100%, 30%, 31%
CMY	0.0000, 0.7019, 0.6902
CMYK	0.00, 0.70, 0.69, 0.00
HSL	359°, 100%, 65%
HSV	359°, 70%, 100%
XYZ	45.2357, 26.9934, 10.2232
YIQ	129.8630, 105.7210, 38.8810

Conversions

Conversions Part 2

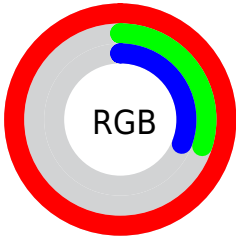
Format	Color
RYB	255, 76, 79
Decimal	16731215
CIELab	58.97, 67.24, 38.35
CIElCh	59, 77.408, 29.701
Yxy	26.9934, 0.5486, 0.3274
Android (android.graphics.Color)	4294921295 (0xFFFF4C4F)
YUV	129.8630, -25.0755, 109.7451
Hunter-Lab	51.9552, 64.4927, 24.7021

Details

The XYZ color **45.2357, 26.9934, 10.2232** 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 **56.3137, 80.0855, 104.5946**, and the grayscale version is **21.2310, 22.3367, 24.3246**.

A 20% lighter version of the original color is **53.8003, 40.1465, 25.3355**, and **21.5239, 11.0626, 2.5142** is the 20% darker color. If you saturate the color by 10%, you get **43.0665, 23.8508, 5.8148**, and if you desaturate by 10%, it is **48.4458, 31.6680, 16.6758**.

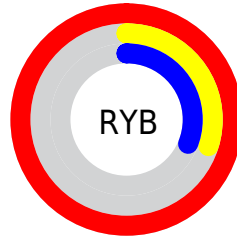
Distribution



Red (100%)

Green (30%)

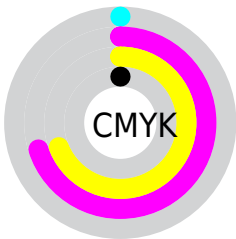
Blue (31%)



Red (100%)

Yellow (30%)

Blue (31%)

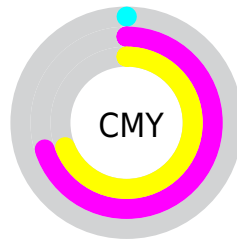


Cyan (0%)

Magenta (70%)

Yellow (69%)

Black (0%)



Cyan (0%)


Magenta (70%)


Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.2357, 26.9934, 10.2232 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 45.2357, 26.9934, 10.2232 by changing the saturation by 10% instead.


 45.2357, 26.9934,
10.2232


 45.2357, 26.9934,
10.2232


358.4950,
287.6252, 202.8001

 31.8452, 17.5683,
5.4397


 82.3089, 54.8733,
26.8288

 21.3983, 10.6405,
2.4443


 106.7223, 74.0968,
39.4880

 13.5295, 5.8256,
0.8104


 135.5406, 97.3553,
55.6095

 7.8737, 2.7393,
0.0000


 169.1294,
125.0330, 75.6118

 4.0654, 0.9972,
0.0000

 207.8538,
157.5145, 99.9134

 1.7392, 0.0000,
0.0000

252.0793,

 0.4806, 0.0000,

195.1841, 128.9330

0.0000

302.1713,
238.4262, 163.0891

■ 0.0000, 0.0000,
0.0000

■ 45.2357, 26.9934,
10.2232

■ 45.2357, 26.9934,
10.2232

■ 43.0665, 23.8508,
5.8148

■ 48.4458, 31.6680,
16.6758

■ 41.8076, 22.0436,
3.2042


■ 52.8030, 38.0307,
25.3785

■ 41.2630, 21.2692,
2.0528

■ 58.4026, 46.2235,
36.5134

■ 65.3294, 56.3722,
50.2435

■ 73.6605, 68.5915,
66.7180

 83.4676, 82.9873,
86.0746

94.8171, 99.6580,
108.4418

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.



48.8635, 26.9934, 29.6675



45.2357, 26.9934, 10.2232



36.1281, 26.9934, 3.3103

Triad

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



45.2357, 26.9934, 10.2232



12.8026, 26.9934, 9.9891



25.5604, 26.9934, 120.1309

Complementary

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



45.2357, 26.9934, 10.2232



56.3137, 80.0855, 104.5946

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.



17.4332, 26.9934, 102.6211



45.2357, 26.9934, 10.2232



11.2827, 26.9934, 29.1167

Square

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



45.2357, 26.9934, 10.2232



17.5622, 26.9934, 3.2465



12.7421, 26.9934, 64.0862



35.9192, 26.9934, 103.2562

Rectangle

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



45.2357, 26.9934, 10.2232



29.0960, 26.9934, 2.0372



12.7421, 26.9934, 64.0862



22.4992, 26.9934, 117.9710

Sweetspot

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



45.2363, 26.9950, 10.2236



72.9332, 67.5240, 65.2804



59.7138, 32.5364, 97.7399



15.0944, 13.6954, 12.9522



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.



45.2363, 26.9950, 10.2236



42.4878, 23.0168, 4.6234



55.0358, 46.7641, 12.9654



18.0217, 17.9920, 18.7314



21.5663, 11.1158, 1.1006



2.1040, 1.0840, 0.1289

Inverse Universe

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



45.2363, 26.9950, 10.2236



42.4878, 23.0168, 4.6234



35.6836, 38.0615, 100.0729



18.0217, 17.9920, 18.7314



21.5663, 11.1158, 1.1006



2.1040, 1.0840, 0.1289

Previews

White Background



This preview shows how the XYZ color 45.2357, 26.9934, 10.2232 looks on a white background.

Color Contrast Check

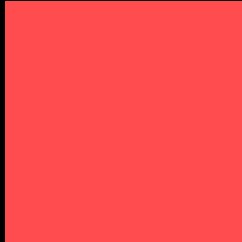
Large Text (above 18pt) WCAG AA ✓ Pass

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 45.2357, 26.9934, 10.2232 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 45.2357, 26.9934, 10.2232

Background



This preview shows how black text looks on a background with the XYZ color 45.2357, 26.9934, 10.2232.



This preview shows how white text looks on a background with the XYZ color 45.2357, 26.9934,

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

45.2357, 26.9934, 10.2232

Protanopia

25.2581, 27.0976, 16.7311

Deuteranopia

27.4173, 26.8716, 9.3719



Tritanopia

45.2724, 27.0081, 10.4164

Trichromacy



Original Color

45.2357, 26.9934, 10.2232

Protanomaly

29.7340, 24.7122, 13.7924

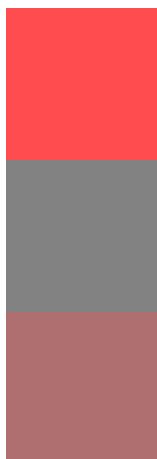
Deuteranomaly

32.1218, 25.3530, 9.5040

Tritanomaly

45.2724, 27.0081, 10.4164

Monochromacy



Original Color

45.2357, 26.9934, 10.2232

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

26.1244, 21.4135, 17.7952

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.2357, 26.9934, 10.2232 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, 76, 79)` looks like.

```
.text, #text, p{  
    color:rgb(255, 76, 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(255, 76, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 76, 79) }
```

Border

The CSS property to change the border of an element to XYZ 45.2357, 26.9934, 10.2232 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, 76, 79) }
```


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

```
.border{ border-color:rgb(255, 76, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 76, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 76, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 76, 79);  
box-shadow:4px 4px 4px 4px rgb(255, 76,  
79) }
```

Background

The CSS property to change the background color of an element to XYZ 45.2357, 26.9934, 10.2232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 76, 79) }
```

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

```
.background{ background-color: rgb(255, 76,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor