

Converting Colors

XYZ(44.2830, 26.3899, 5.8918)

Have a look what the booklet for
XYZ(44.2830, 26.3899, 5.8918)
contains.

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Color

**XYZ(44.2863, 26.3966,
5.8929)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4A33
RGB	255, 74, 51
RGB Percent	100%, 29%, 20%
CMY	0.0000, 0.7098, 0.8000
CMYK	0.00, 0.71, 0.80, 0.00
HSL	7°, 100%, 60%
HSV	7°, 80%, 100%
XYZ	44.2863, 26.3966, 5.8929
YIQ	125.4970, 115.2590, 31.2190

Conversions

Conversions Part 2

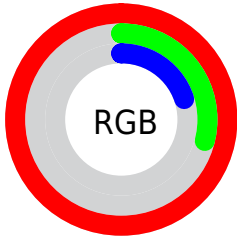
Format	Color
R_{YB}	255, 77, 51
Decimal	16730675
CIE _{Lab}	58.41, 66.89, 52.64
CIE _{LCh}	58, 85.119, 38.205
Yxy	26.3966, 0.5783, 0.3447
Android (android.graphics.Color)	4294920755 (0xFFFF4A33)
YUV	125.4970, -36.7270, 113.5741
Hunter-Lab	51.3776, 63.9520, 29.1639

Details

The XYZ color **44.2863, 26.3966, 5.8929** 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 **48.2681, 65.6297, 104.7307**, and the grayscale version is **19.7555, 20.7843, 22.6341**.

A 20% lighter version of the original color is **51.9278, 38.9552, 16.8388**, and **20.9972, 10.8232, 1.0398** is the 20% darker color. If you saturate the color by 10%, you get **42.6215, 23.7341, 3.2830**, and if you desaturate by 10%, it is **46.8028, 30.2710, 10.3053**.

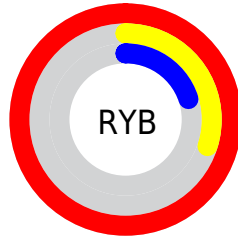
Distribution



Red (100%)

Green (29%)

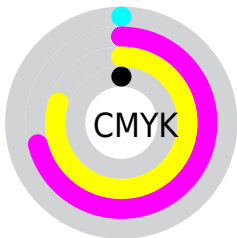
Blue (20%)



Red (100%)

Yellow (30%)

Blue (20%)

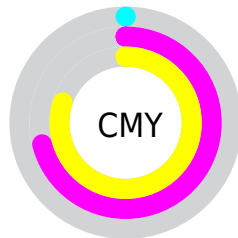


Cyan (0%)

Magenta (71%)

Yellow (80%)

Black (0%)



Cyan (0%)


Magenta (71%)


Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.2863, 26.3966, 5.8929 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 44.2863, 26.3966, 5.8929 by changing the saturation by 10% instead.


 44.2863, 26.3966,
5.8929

 44.2863, 26.3966,
5.8929


354.7078,
284.7236, 167.3842


 31.0945, 17.1206,
2.7123


 80.8921, 53.9141,
18.1820

 20.8230, 10.3205,
0.9496


 105.0368, 72.9243,
28.1276


 13.1064, 5.6120,
0.0000


 133.5631, 95.9481,
41.1653

 7.5794, 2.6106,
0.0000

 166.8366,
123.3697, 57.7137

 3.8765, 0.9320,
0.0000

 205.2224,
155.5737, 78.1912

 1.6325, 0.0000,
0.0000

 249.0860,

 0.4135, 0.0000,

192.9444, 103.0164

0.0000

298.7927,
235.8663, 132.6079

■ 0.0000, 0.0000,
0.0000

■ 44.2863, 26.3966,
5.8929

■ 44.2863, 26.3966,
5.8929

■ 42.6215, 23.7341,
3.2830

■ 46.8028, 30.2710,
10.3053

■ 41.6733, 22.1271,
2.0746

■ 50.2658, 35.4748,
16.7687

■ 41.6733, 22.1271,
2.0745

■ 54.7588, 42.1166,
25.4935

■ 60.3558, 50.2924,
36.6637

■ 67.1239, 60.0902,
50.4444

■ 75.1246, 71.5911,
66.9862

■ 84.4154, 84.8707,
86.4283

95.0496, 99.9998,
108.9000

Harmonies

Analogous

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



50.5072, 26.3966, 21.3260



44.2863, 26.3966, 5.8929



33.2604, 26.3966, 1.6270

Triad

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



44.2863, 26.3966, 5.8929



10.7371, 26.3966, 12.3039



28.0491, 26.3966, 130.6817

Complementary

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



44.2863, 26.3966, 5.8929



48.2681, 65.6297, 104.7307

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.



18.3795, 26.3966, 121.2995



44.2863, 26.3966, 5.8929



10.0572, 26.3966, 37.7028

Square

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



44.2863, 26.3966, 5.8929



14.6520, 26.3966, 3.1518



12.4387, 26.3966, 80.6256



39.5817, 26.3966, 101.2034

Rectangle

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



44.2863, 26.3966, 5.8929



25.7201, 26.3966, 1.0987



12.4387, 26.3966, 80.6256



24.4686, 26.3966, 132.2177

Sweetspot

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



44.2869, 26.3982, 5.8933



71.7728, 66.7813, 60.0285



57.3611, 29.6026, 80.9847



14.7598, 13.4274, 11.6043



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.



44.2869, 26.3982, 5.8933



41.9831, 22.6568, 2.4533



56.8576, 51.5396, 10.0835



18.1743, 18.3168, 18.7219



21.8276, 11.6665, 1.1014



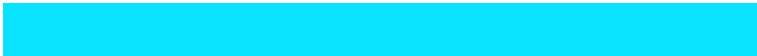
2.1762, 1.2377, 0.1242

Inverse Universe

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



48.2681, 65.6297, 104.7307



45.7523, 62.4350, 104.2475



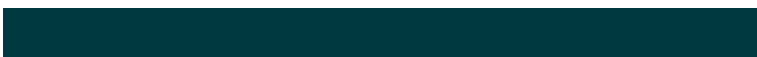
27.7481, 24.5896, 97.8907



18.3696, 20.1108, 23.1635



23.7456, 32.4007, 54.4370



2.3597, 3.2501, 5.3162

Previews

White Background



This preview shows how the XYZ color 44.2863, 26.3966, 5.8929 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 44.2863, 26.3966, 5.8929 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 44.2863, 26.3966, 5.8929

Background



This preview shows how black text looks on a background with the XYZ color 44.2863, 26.3966, 5.8929.



This preview shows how white text looks on a background with the XYZ color 44.2863, 26.3966,

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

44.2863, 26.3966, 5.8929

Protanopia

24.3407, 26.5599, 9.6380

Deuteranopia

26.9599, 26.5187, 5.2878



Tritanopia

44.8274, 26.4027, 9.3902

Trichromacy



Original Color

44.2863, 26.3966, 5.8929

Protanomaly

28.9967, 24.2879, 7.8624

Deuteranomaly

31.3712, 24.7276, 5.2173

Tritanomaly

44.6059, 26.4184, 7.9025

Monochromacy



Original Color

44.2863, 26.3966, 5.8929

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

24.7434, 20.3005, 14.4186

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.2863, 26.3966, 5.8929 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, 74, 51)` looks like.

```
.text, #text, p{  
    color:rgb(255, 74, 51)  
}
```

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, 74, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 74, 51) }
```

Border

The CSS property to change the border of an element to XYZ 44.2863, 26.3966, 5.8929 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, 74, 51) }
```


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

```
.border{ border-color:rgb(255, 74, 51) }
```

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

Here you see how a box with a 4 pixel rgb(255, 74, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 74, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 74, 51);  
box-shadow:4px 4px 4px 4px rgb(255, 74,  
51) }
```

Background

The CSS property to change the background color of an element to XYZ 44.2863, 26.3966, 5.8929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 74, 51) }
```

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

```
.background{ background-color: rgb(255, 74,  
51) }
```

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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