

Converting Colors

XYZ(43.5928, 26.2938, 3.4871)

Have a look what the booklet for
XYZ(43.5928, 26.2938, 3.4871)
contains.

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Color

**XYZ(43.5928, 26.2939,
3.4871)**

Conversions

Conversions Part 1

Format	Color
Hex	FE4C15
RGB	254, 76, 21
RGB Percent	100%, 30%, 8%
CMY	0.0039, 0.7019, 0.9176
CMYK	0.00, 0.70, 0.92, 0.00
HSL	14°, 99%, 54%
HSV	14°, 92%, 100%
XYZ	43.5928, 26.2939, 3.4871
YIQ	122.9520, 123.7430, 20.6310

Conversions

Conversions Part 2

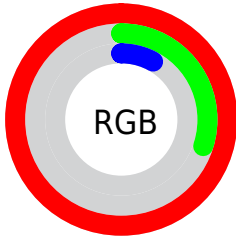
Format	Color
R_{YB}	254, 93, 21
Decimal	16665621
CIE _{Lab}	58.31, 65.27, 64.62
CIE _{LCh}	58, 91.844, 44.712
Yxy	26.2939, 0.5941, 0.3584
Android (android.graphics.Color)	4294855701 (0xFFFE4C15)
YUV	122.9520, -50.2623, 114.9291
Hunter-Lab	51.2776, 62.0131, 31.8623

Details

The XYZ color **43.5928, 26.2939, 3.4871** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark washed red. A complement of this color would be **38.6192, 48.1564, 101.0246**, and the grayscale version is **18.9447, 19.9313, 21.7052**.

A 20% lighter version of the original color is **51.0351, 38.8182, 11.4594**, and **20.7390, 10.6914, 0.9706** is the 20% darker color. If you saturate the color by 10%, you get **42.4869, 24.2991, 2.4509**, and if you desaturate by 10%, it is **45.5035, 29.5307, 5.9282**.

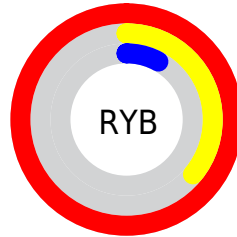
Distribution



Red (100%)

Green (30%)

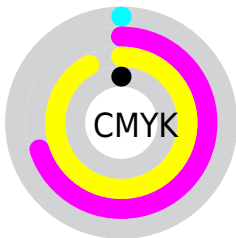
Blue (8%)



Red (100%)

Yellow (36%)

Blue (8%)

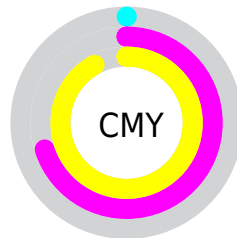


Cyan (0%)

Magenta (70%)

Yellow (92%)

Black (0%)



Cyan (0%)


Magenta (70%)


Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.5928, 26.2939, 3.4871 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 43.5928, 26.2939, 3.4871 by changing the saturation by 10% instead.


 43.5928, 26.2939,
3.4871


 43.5928, 26.2939,
3.4871


351.9243,
284.2218, 142.3415


 30.5470, 17.0436,
1.3484


 79.8548, 53.7487,
12.8084


 20.4043, 10.2656,
0.1010


 103.8018, 72.7220,
20.8282


 12.7992, 5.5754,
0.0000

 132.1132, 95.7052,
31.6453

 7.3665, 2.5887,
0.0000

 165.1544,
123.0825, 45.6785

 3.7407, 0.9210,
0.0000

 203.2907,
155.2385, 63.3461


 1.5565, 0.0000,
0.0000


 246.8876,


 0.3638, 0.0000,


192.5574, 85.0668


0.0000


 296.3104,
235.4237, 111.2591


 0.0000, 0.0000,
0.0000

 43.5928, 26.2939,
3.4871


 43.5928, 26.2939,
3.4871


 42.4869, 24.2991,
2.4509

 45.5035, 29.5307,
5.9282

 48.1460, 33.7562,
10.0751

 51.5956, 39.0491,
16.1766

 55.9167, 45.4783,
24.4396

 61.1670, 53.1066,
35.0445

67.3988, 61.9921,
48.1527

74.6604, 72.1888,
63.9110

82.9967, 83.7478,
82.4549

92.4502, 96.7172,
103.9107

Harmonies

Analogous

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



52.0830, 26.2939, 15.6681



43.5928, 26.2939, 3.4871



31.0991, 26.2939, 0.8354

Triad

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



43.5928, 26.2939, 3.4871



9.4618, 26.2939, 15.2711



30.8580, 26.2939, 139.0026

Complementary

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



43.5928, 26.2939, 3.4871



38.6192, 48.1564, 101.0246

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.



19.7411, 26.2939, 138.5433



43.5928, 26.2939, 3.4871



9.4325, 26.2939, 47.2834

Square

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



43.5928, 26.2939, 3.4871



12.7133, 26.2939, 3.3806



12.6160, 26.2939, 97.4588



43.3715, 26.2939, 98.4535

Rectangle

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



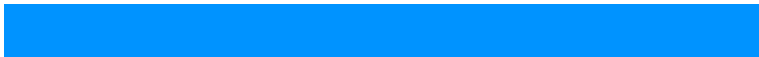
43.5928, 26.2939, 3.4871



23.2670, 26.2939, 0.6299



12.6160, 26.2939, 97.4588



26.7993, 26.2939, 144.2582

Sweetspot

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



43.5934, 26.2955, 3.4875



70.6103, 66.2248, 54.1890



51.5233, 25.7600, 56.6756



14.4702, 13.2670, 10.2165



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.



43.5934, 26.2955, 3.4875



42.8667, 24.5133, 2.4722



59.8283, 58.7654, 8.8992



18.3574, 18.6831, 18.7830



22.4931, 12.9974, 1.3232



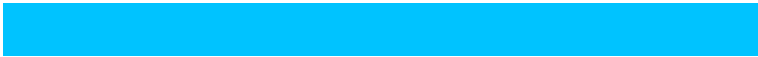
2.2697, 1.4247, 0.1554

Inverse Universe

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



38.6192, 48.1564, 101.0246



37.5190, 46.1580, 101.5397



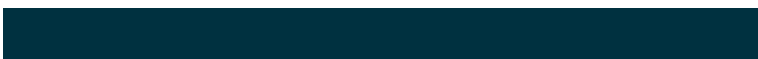
21.3021, 13.5223, 95.2523



18.1700, 19.7116, 23.0970



19.7251, 24.3598, 53.0969



2.0041, 2.5388, 5.1977

Previews

White Background



This preview shows how the XYZ color 43.5928, 26.2939, 3.4871 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 43.5928, 26.2939, 3.4871 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 43.5928, 26.2939, 3.4871

Background



This preview shows how black text looks on a background with the XYZ color 43.5928, 26.2939, 3.4871.



This preview shows how white text looks on a background with the XYZ color 43.5928, 26.2939,

3.4871.

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

43.5928, 26.2939, 3.4871

Protanopia

23.9594, 26.4524, 5.5933

Deuteranopia

26.5190, 26.1222, 3.6444



Tritanopia

44.7293, 26.2609, 9.1899

Trichromacy



Original Color

43.5928, 26.2939, 3.4871

Protanomaly

28.6009, 24.1590, 4.4520

Deuteranomaly

31.0148, 24.5850, 3.3404

Tritanomaly

44.3121, 26.3009, 6.3555

Monochromacy



Original Color

43.5928, 26.2939, 3.4871

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

23.6283, 19.6379, 11.3492

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5928, 26.2939, 3.4871 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, 76, 21)` looks like.

```
.text, #text, p{  
    color:rgb(254, 76, 21)  
}
```

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, 76, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 76, 21) }
```

Border

The CSS property to change the border of an element to XYZ 43.5928, 26.2939, 3.4871 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, 76, 21) }
```


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

```
.border{ border-color:rgb(254, 76, 21) }
```

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

Here you see how a box with a 4 pixel rgb(254, 76, 21) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 76, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 76, 21);  
box-shadow:4px 4px 4px 4px rgb(254, 76,  
21) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5928, 26.2939, 3.4871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 76, 21) }
```

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

```
.background{ background-color: rgb(254, 76,  
21) }
```

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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