

Converting Colors

XYZ(43.5235, 27.2816, 2.9719)

Have a look what the booklet for
XYZ(43.5235, 27.2816, 2.9719)
contains.

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Color

**XYZ(43.3934, 27.1924,
2.9616)**

Conversions

Conversions Part 1

Format	Color
Hex	FC5500
RGB	252, 85, 0
RGB Percent	99%, 33%, 0%
CMY	0.0118, 0.6666, 1.0000
CMYK	0.00, 0.66, 1.00, 0.01
HSL	20°, 100%, 49%
HSV	20°, 100%, 99%
XYZ	43.3934, 27.1924, 2.9616
YIQ	125.2430, 126.8170, 8.9690

Conversions

Conversions Part 2

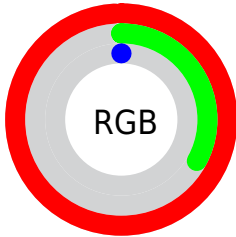
Format	Color
R_{YB}	252, 128, 0
Decimal	16536832
CIE _{Lab}	59.15, 61.07, 69.42
CIE _{LCh}	59, 92.465, 48.662
Yxy	27.1924, 0.5900, 0.3697
Android (android.graphics.Color)	4294726912 (0xFFFC5500)
YUV	125.2430, -61.7448, 111.1659
Hunter-Lab	52.1463, 57.2821, 33.1351

Details

The XYZ color **43.3934, 27.1924, 2.9616** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated red. A complement of this color would be **31.3883, 34.6636, 97.1312**, and the grayscale version is **19.7484, 20.7768, 22.6259**.

A 20% lighter version of the original color is **51.8671, 40.9877, 10.1787**, and **20.4350, 10.8097, 1.0094** is the 20% darker color. If you saturate the color by 10%, you get **43.3936, 27.1934, 2.9618**, and if you desaturate by 10%, it is **45.0452, 30.2122, 4.3888**.

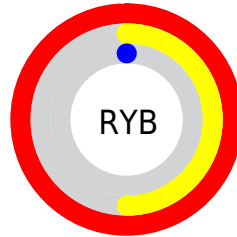
Distribution



Red (99%)

Green (33%)

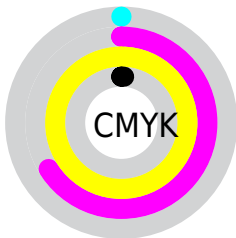
Blue (0%)



Red (99%)

Yellow (50%)

Blue (0%)

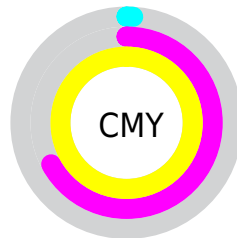


Cyan (0%)

Magenta (66%)

Yellow (100%)

Black (1%)



Cyan (1%)


Magenta (67%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.3934, 27.1924, 2.9616 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 43.3934, 27.1924, 2.9616 by changing the saturation by 10% instead.


 43.3934, 27.1924,
2.9616


 43.3934, 27.1924,
2.9616


351.1213,
288.5875, 135.8700

 30.3898, 17.7178,
1.0751


 79.5562, 55.1925,
11.5335


 20.2842, 10.7476,
0.0000


 103.4461, 74.4867,
19.0560

 12.7112, 5.8973,
0.0000


 131.6954, 97.8229,
29.2942

 7.3056, 2.7828,
0.0000

 164.6695,
125.5855, 42.6667

 3.7020, 1.0194,
0.0000

 202.7338,
158.1588, 59.5920


 1.5350, 0.0000,
0.0000

 246.2537,


 0.3494, 0.0000,


195.9273, 80.4886


0.0000


 295.5944,
239.2754, 105.7751


 0.0000, 0.0000,
0.0000


 43.3934, 27.1924,
2.9616


 43.3934, 27.1924,
2.9616

 43.3936, 27.1934,
2.9618

 45.0452, 30.2122,
4.3888

 47.2558, 33.9826,
7.1323

 50.1145, 38.5699,
11.5692

 53.6811, 44.0252,
17.9304

 58.0072, 50.3946,
26.4103

■ 63.1393, 57.7206,
37.1790

■ 69.1196, 66.0426,
50.3893

■ 75.9870, 75.3978,
66.1806

■ 83.7782, 85.8214,
84.6816

Harmonies

Analogous

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



52.9963, 27.1924, 13.6044



43.3934, 27.1924, 2.9616



30.4455, 27.1924, 0.7919

Triad

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



43.3934, 27.1924, 2.9616



9.6519, 27.1924, 18.8129



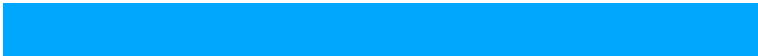
33.5941, 27.1924, 139.4126

Complementary

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



43.3934, 27.1924, 2.9616



31.3883, 34.6636, 97.1312

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.



21.7340, 27.1924, 145.3831



43.3934, 27.1924, 2.9616



10.0363, 27.1924, 54.8742

Square

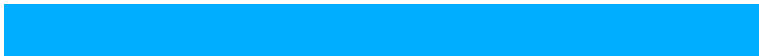
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



43.3934, 27.1924, 2.9616



12.5350, 27.1924, 4.3745



13.8100, 27.1924, 107.2533



46.2791, 27.1924, 94.3079

Rectangle

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



43.3934, 27.1924, 2.9616



22.6536, 27.1924, 0.7394



13.8100, 27.1924, 107.2533



29.3242, 27.1924, 146.8732

Sweetspot

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



43.3940, 27.1940, 2.9620



70.9918, 67.8257, 51.7332



47.2127, 23.5226, 39.0984



14.6173, 13.7185, 9.7806



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.



43.3940, 27.1940, 2.9620



44.5693, 27.9186, 3.0398



63.1913, 66.7886, 9.5611



17.7231, 18.1820, 18.0378



22.7259, 14.4084, 1.5833



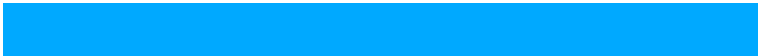
2.1985, 1.5218, 0.1779

Inverse Universe

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



31.3883, 34.6636, 97.1312



32.2344, 35.5888, 99.7781



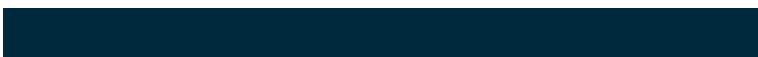
18.3988, 8.6845, 92.8014



17.2438, 18.5645, 22.0598



16.4922, 18.3399, 50.6443



1.6254, 1.8944, 4.7232

Previews

White Background



This preview shows how the XYZ color 43.3934, 27.1924, 2.9616 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 43.3934, 27.1924, 2.9616 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 43.3934, 27.1924, 2.9616

Background



This preview shows how black text looks on a background with the XYZ color 43.3934, 27.1924, 2.9616.



This preview shows how white text looks on a background with the XYZ color 43.3934, 27.1924,

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

43.3934, 27.1924, 2.9616

Protanopia

24.7182, 27.3011, 5.0038

Deuteranopia

27.6266, 27.3116, 3.8156



Tritanopia

45.2304, 27.2873, 11.0667

Trichromacy



Original Color

43.3934, 27.1924, 2.9616

Protanomaly

29.3088, 25.4289, 3.8938

Deuteranomaly

31.8149, 25.8444, 3.3116

Tritanomaly

44.0930, 27.0245, 6.2605

Monochromacy



Original Color

43.3934, 27.1924, 2.9616

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

23.8185, 20.3890, 10.2695

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3934, 27.1924, 2.9616 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(252, 85, 0)` looks like.

```
.text, #text, p{  
    color:rgb(252, 85, 0)  
}
```

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(252, 85, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 85, 0) }
```

Border

The CSS property to change the border of an element to XYZ 43.3934, 27.1924, 2.9616 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(252, 85, 0) }
```


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

```
.border{ border-color:rgb(252, 85, 0) }
```

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

Here you see how a box with a 4 pixel rgb(252, 85, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 85, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 85, 0);  
box-shadow:4px 4px 4px 4px rgb(252, 85, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 43.3934, 27.1924, 2.9616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 85, 0) }
```

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

```
.background{ background-color: rgb(252, 85,  
0) }
```

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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