

Converting Colors

XYZ(44.3585, 26.8239, 5.0442)

Have a look what the booklet for
XYZ(44.3585, 26.8239, 5.0442)
contains.

XYZ(44.3823, 26.8759, 5.0389)	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(44.3823, 26.8759,
5.0389)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4E2A
RGB	255, 78, 42
RGB Percent	100%, 31%, 16%
CMY	0.0000, 0.6941, 0.8353
CMYK	0.00, 0.69, 0.84, 0.00
HSL	10°, 100%, 58%
HSV	10°, 84%, 100%
XYZ	44.3823, 26.8759, 5.0389
YIQ	126.8190, 117.0480, 26.3280

Conversions

Conversions Part 2

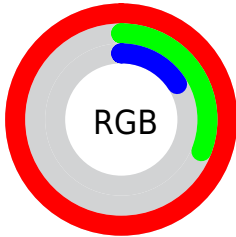
Format	Color
R_{YB}	255, 85, 42
Decimal	16731690
CIE Lab	58.86, 65.24, 57.26
CIE LCh	59, 86.804, 41.275
Yxy	26.8759, 0.5817, 0.3523
Android (android.graphics.Color)	4294921770 (0xFFFF4E2A)
YUV	126.8190, -41.8158, 112.4147
Hunter-Lab	51.8420, 62.0917, 30.5266

Details

The XYZ color **44.3823, 26.8759, 5.0389** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **44.3335, 58.3696, 103.5369**, and the grayscale version is **20.2230, 21.2762, 23.1698**.

A 20% lighter version of the original color is **51.9759, 39.6410, 15.0373**, and **20.9863, 10.8188, 0.9821** is the 20% darker color. If you saturate the color by 10%, you get **42.7914, 24.2076, 2.9273**, and if you desaturate by 10%, it is **46.7488, 30.6329, 8.8383**.

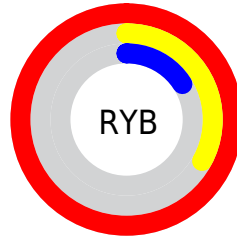
Distribution



Red (100%)

Green (31%)

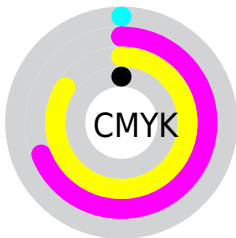
Blue (16%)



Red (100%)

Yellow (33%)

Blue (16%)

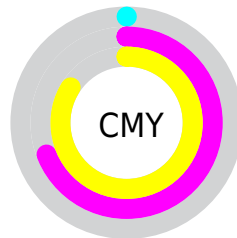


Cyan (0%)

Magenta (69%)

Yellow (84%)

Black (0%)



Cyan (0%)


Magenta (69%)


Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.3823, 26.8759, 5.0389 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 44.3823, 26.8759, 5.0389 by changing the saturation by 10% instead.


 44.3823, 26.8759,
5.0389


 44.3823, 26.8759,
5.0389


355.0920,
287.0557, 159.1544


 31.1704, 17.4800,
2.2110


 81.0355, 54.6847,
16.3426

 20.8811, 10.5773,
0.6807


 105.2075, 73.8664,
25.6554

 13.1491, 5.7834,
0.0000


 133.7635, 97.0788,
37.9670

 7.6090, 2.7138,
0.0000

 167.0689,
124.7063, 53.6958

 3.8955, 0.9842,
0.0000

 205.4892,
157.1334, 73.2604

 1.6432, 0.0000,
0.0000

 249.3895,

 0.4203, 0.0000,

194.7444, 97.0793

0.0000

299.1353,
237.9237, 125.5711

■ 0.0000, 0.0000,
0.0000

■ 44.3823, 26.8759,
5.0389

■ 44.3823, 26.8759,
5.0389

■ 42.7914, 24.2076,
2.9273

■ 46.7488, 30.6329,
8.8383


■ 42.1076, 22.9957,
2.2193


■ 49.9790, 35.5770,
14.5892


■ 54.1500, 41.8006,
22.5106

■ 59.3298, 49.3853,
32.7915

■ 65.5797, 58.4060,
45.6005

 72.9562, 68.9320,
61.0906

 81.5117, 81.0281,
79.4027

 91.2952, 94.7553,
100.6676

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.



51.5659, 26.8759, 19.1705



44.3823, 26.8759, 5.0389



32.7509, 26.8759, 1.4003

Triad

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



44.3823, 26.8759, 5.0389



10.5720, 26.8759, 14.1071



29.7914, 26.8759, 133.7535

Complementary

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



44.3823, 26.8759, 5.0389



44.3335, 58.3696, 103.5369

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.



19.4817, 26.8759, 128.3596



44.3823, 26.8759, 5.0389



10.1916, 26.8759, 42.3922

Square

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



44.3823, 26.8759, 5.0389



14.2156, 26.8759, 3.5396



12.9723, 26.8759, 88.0483



41.7009, 26.8759, 99.8440

Rectangle

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



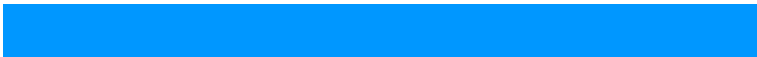
44.3823, 26.8759, 5.0389



25.0886, 26.8759, 1.0291



12.9723, 26.8759, 88.0483



26.0063, 26.8759, 136.8758

Sweetspot

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



44.3829, 26.8775, 5.0393



71.7986, 67.2867, 58.6380



54.9198, 28.0567, 69.8841



14.7978, 13.5901, 11.3496



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.



44.3829, 26.8775, 5.0393



42.1079, 22.9958, 2.2193



58.7982, 55.7080, 9.8444



18.2575, 18.4832, 18.7497



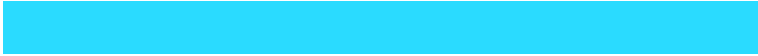
22.0743, 12.1599, 1.1836



2.2153, 1.3159, 0.1372

Inverse Universe

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



44.3335, 58.3696, 103.5369



41.5657, 54.2514, 102.8886



24.9100, 19.5227, 97.0624



18.2781, 19.9279, 23.1331



21.8153, 28.5402, 53.7936



2.1901, 2.9110, 5.2597

Previews

White Background



This preview shows how the XYZ color 44.3823, 26.8759, 5.0389 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 44.3823, 26.8759, 5.0389 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 44.3823, 26.8759, 5.0389

Background



This preview shows how black text looks on a background with the XYZ color 44.3823, 26.8759, 5.0389.



This preview shows how white text looks on a background with the XYZ color 44.3823, 26.8759,

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

44.3823, 26.8759, 5.0389

Protanopia

24.5630, 26.9309, 8.0412

Deuteranopia

27.3806, 26.9622, 4.4229



Tritanopia

45.1312, 26.8422, 10.0101

Trichromacy



Original Color

44.3823, 26.8759, 5.0389

Protanomaly

29.2317, 24.7881, 6.6121

Deuteranomaly

31.9590, 25.3839, 4.3138

Tritanomaly

44.7786, 26.8105, 7.8159

Monochromacy



Original Color

44.3823, 26.8759, 5.0389

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

25.0355, 20.7805, 13.7578

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.3823, 26.8759, 5.0389 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, 78, 42)` looks like.

```
.text, #text, p{  
    color:rgb(255, 78, 42)  
}
```

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, 78, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 78, 42) }
```

Border

The CSS property to change the border of an element to XYZ 44.3823, 26.8759, 5.0389 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, 78, 42) }
```


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

```
.border{ border-color:rgb(255, 78, 42) }
```

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

Here you see how a box with a 4 pixel rgb(255, 78, 42) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 78, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 78, 42);  
box-shadow:4px 4px 4px 4px rgb(255, 78,  
42) }
```

Background

The CSS property to change the background color of an element to XYZ 44.3823, 26.8759, 5.0389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 78, 42) }
```

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

```
.background{ background-color: rgb(255, 78,  
42) }
```

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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