

Converting Colors

XYZ(44.4843, 31.8525, 4.3758)

Have a look what the booklet for
XYZ(44.4843, 31.8525, 4.3758)
contains.

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Color

**XYZ(44.4843, 31.8525,
4.3758)**

Conversions

Conversions Part 1

Format	Color
Hex	F77212
RGB	247, 114, 18
RGB Percent	97%, 45%, 7%
CMY	0.0314, 0.5529, 0.9294
CMYK	0.00, 0.54, 0.93, 0.03
HSL	25°, 93%, 52%
HSV	25°, 93%, 97%
XYZ	44.4843, 31.8525, 4.3758
YIQ	142.8230, 110.0840, -1.6600

Conversions

Conversions Part 2

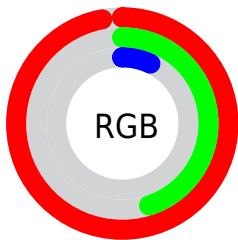
Format	Color
R _Y B	247, 183, 18
Decimal	16216594
CIE Lab	63.22, 46.73, 68.08
CIE LCh	63, 82.579, 55.532
Yxy	31.8525, 0.5511, 0.3946
Android (android.graphics.Color)	4294406674 (0xFFFF77212)
YUV	142.8230, -61.5377, 91.3632
Hunter-Lab	56.4380, 41.9267, 34.9097

Details

The XYZ color **44.4843, 31.8525, 4.3758** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed orange. A complement of this color would be **28.1037, 28.9756, 92.1066**, and the grayscale version is **26.2461, 27.6129, 30.0705**.

A 20% lighter version of the original color is **56.5822, 49.8011, 13.6515**, and **21.1972, 13.4048, 1.4702** is the 20% darker color. If you saturate the color by 10%, you get **43.2629, 29.5848, 3.4302**, and if you desaturate by 10%, it is **46.5535, 35.4770, 6.6513**.

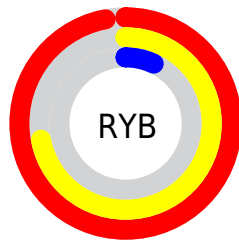
Distribution



Red (97%)

Green (45%)

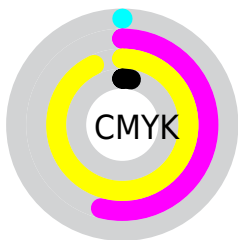
Blue (7%)



Red (97%)

Yellow (72%)

Blue (7%)

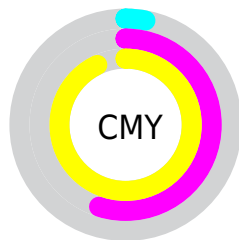


Cyan (0%)

Magenta (54%)

Yellow (93%)

Black (3%)



Cyan (3%)


Magenta (55%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.4843, 31.8525, 4.3758 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 44.4843, 31.8525, 4.3758 by changing the saturation by 10% instead.


 44.4843, 31.8525,
4.3758


 44.4843, 31.8525,
4.3758

355.4999,
310.4468, 152.3150


 31.2510, 21.2489,
1.8337


 81.1878, 62.5798,
14.8676


 20.9428, 13.3060,
0.4500


 105.3888, 83.4722,
23.6543


 13.1944, 7.6396,
0.0000


 133.9763,
108.5630, 35.3597

 7.6405, 3.8652,
0.0000

 167.3157,
138.2366, 50.4023

 3.9156, 1.5985,
0.0000

 205.7724,
172.8774, 69.2006


 1.6545, 0.3566,
0.0000

 249.7118,


 0.4275, 0.0000,


212.8698, 92.1731


0.0000


 299.4991,
258.5981, 119.7384


 0.0000, 0.0000,
0.0000


 44.4843, 31.8525,
4.3758


 44.4843, 31.8525,
4.3758


 43.2629, 29.5848,
3.4302

 46.5535, 35.4770,
6.6513

 49.1600, 39.7385,
10.4533

 52.3580, 44.6769,
16.0131

 56.1931, 50.3261,
23.5215

 60.7053, 56.7171,
33.1444

65.9312, 63.8788,
45.0295

71.9042, 71.8381,
59.3112

78.6556, 80.6207,
76.1133

86.2146, 90.2508,
95.5510

Harmonies

Analogous

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



54.7337, 31.8525, 14.0205



44.4843, 31.8525, 4.3758



32.0182, 31.8525, 2.1742

Triad

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



44.4843, 31.8525, 4.3758



13.2324, 31.8525, 30.0091



40.7630, 31.8525, 128.0398

Complementary

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



44.4843, 31.8525, 4.3758



28.1037, 28.9756, 92.1066

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.



28.5959, 31.8525, 142.7899



44.4843, 31.8525, 4.3758



14.4658, 31.8525, 69.4740

Square

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



44.4843, 31.8525, 4.3758



15.5369, 31.8525, 9.8734



19.4680, 31.8525, 116.6881



52.2337, 31.8525, 83.8523

Rectangle

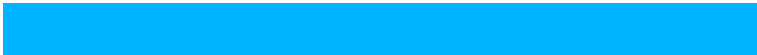
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



44.4843, 31.8525, 4.3758



24.7658, 31.8525, 2.5238



19.4680, 31.8525, 116.6881



36.5456, 31.8525, 137.4477

Sweetspot

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



44.4850, 31.8543, 4.3763



73.7786, 72.5615, 55.2451



44.2074, 22.4602, 31.5330



15.2165, 14.7595, 10.4652



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.



44.4850, 31.8543, 4.3763



46.4880, 31.7559, 3.6793



66.1871, 75.2585, 11.6104



17.0700, 17.6242, 17.2997



23.0135, 15.9126, 1.8585



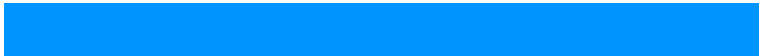
2.1219, 1.5969, 0.1964

Inverse Universe

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



28.1037, 28.9756, 92.1066



28.6545, 28.4291, 98.5848



17.7022, 8.1726, 88.6395



16.3806, 17.5256, 21.0620



14.2529, 14.2995, 48.5469



1.3542, 1.4597, 4.3006

Previews

White Background



This preview shows how the XYZ color 44.4843, 31.8525, 4.3758 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 44.4843, 31.8525, 4.3758 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.4843, 31.8525, 4.3758

Background



This preview shows how black text looks on a background with the XYZ color 44.4843, 31.8525, 4.3758.



This preview shows how white text looks on a background with the XYZ color 44.4843, 31.8525,

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

44.4843, 31.8525, 4.3758

Protanopia

29.0235, 32.0892, 5.8924

Tritanopia

47.5590, 31.8243, 19.2589

Trichromacy



Original Color

44.4843, 31.8525, 4.3758

Protanomaly

33.2385, 30.8192, 5.1741

Tritanomaly

45.9107, 31.6271, 10.8926

Monochromacy



Original Color

44.4843, 31.8525, 4.3758

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

29.5119, 27.2081, 15.2515

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4843, 31.8525, 4.3758 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(247, 114, 18)` looks like.

```
.text, #text, p{  
    color:rgb(247, 114, 18)  
}
```

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(247, 114, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 114, 18) }
```

Border

The CSS property to change the border of an element to XYZ 44.4843, 31.8525, 4.3758 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(247, 114, 18) }
```

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

```
.border{ border-color:rgb(247, 114, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 114, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 114, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 114, 18);  
box-shadow:4px 4px 4px 4px rgb(247, 114,  
18) }
```


Background

The CSS property to change the background color of an element to XYZ 44.4843, 31.8525, 4.3758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 114, 18) }
```

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

```
.background{ background-color: rgb(247,  
114, 18) }
```

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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