

Converting Colors

XYZ(44.2346, 31.3432, 5.5119)

Have a look what the booklet for
XYZ(44.2346, 31.3432, 5.5119)
contains.

| | |
|--|----|
| XYZ(44.1501, 31.3211, 5.5523) | 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(44.1501, 31.3211,
5.5523)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | F67026 |
| RGB | 246, 112, 38 |
| RGB Percent | 96%, 44%, 15% |
| CMY | 0.0353, 0.5608, 0.8510 |
| CMYK | 0.00, 0.54, 0.85, 0.04 |
| HSL | 21°, 92%, 56% |
| HSV | 21°, 85%, 96% |
| XYZ | 44.1501, 31.3211, 5.5523 |
| YIQ | 143.6300, 103.6180, 5.3940 |

Conversions

Conversions Part 2

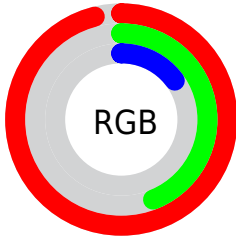
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 246, 153, 38 |
| Decimal | 16150566 |
| CIE Lab | 62.78, 47.67, 61.66 |
| CIE LCh | 63, 77.937, 52.292 |
| Yxy | 31.3211, 0.5449, 0.3866 |
| Android (android.graphics.Color) | 4294340646 (0xFFFF67026) |
| YUV | 143.6300, -52.0756, 89.7785 |
| Hunter-Lab | 55.9653, 42.8766, 33.2935 |

Details

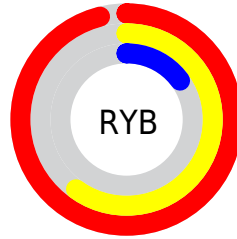
The XYZ color **44.1501, 31.3211, 5.5523** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **32.1851, 36.5684, 92.5503**, and the grayscale version is **26.5351, 27.9170, 30.4016**.

A 20% lighter version of the original color is **56.7645, 49.2878, 16.4192**, and **20.8554, 13.0730, 1.4241** is the 20% darker color. If you saturate the color by 10%, you get **42.2787, 28.0180, 3.5742**, and if you desaturate by 10%, it is **46.5923, 35.3478, 9.0117**.

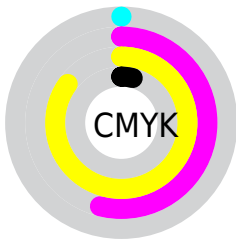
Distribution



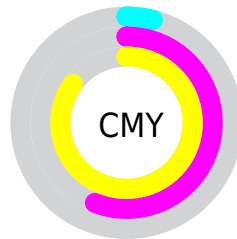
- Red (96%)
- Green (44%)
- Blue (15%)



- Red (96%)
- Yellow (60%)
- Blue (15%)



- Cyan (0%)
- Magenta (54%)
- Yellow (85%)
- Black (4%)





- Cyan (4%)
- Magenta (56%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.1501, 31.3211, 5.5523 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 44.1501, 31.3211, 5.5523 by changing the saturation by 10% instead.


 44.1501, 31.3211,
5.5523


 44.1501, 31.3211,
5.5523


354.1623,
308.0149, 164.1711


 30.9869, 20.8435,
2.5105


 80.6885, 61.7453,
17.4557


 20.7407, 13.0096,
0.8457


 104.7945, 82.4606,
27.1543

 13.0460, 7.4352,
0.0000


 133.2788,
107.3573, 39.9089

 7.5374, 3.7357,
0.0000

 166.5067,
136.8197, 56.1381

 3.8497, 1.5269,
0.0000

 204.8437,
171.2323, 76.2604

 1.6175, 0.3075,
0.0000

 248.6550,

 0.4038, 0.0000,

210.9794, 100.6942

0.0000

298.3061,
256.4455, 129.8583

■ 0.0000, 0.0000,
0.0000

■ 44.1501, 31.3211,
5.5523

■ 44.1501, 31.3211,
5.5523

■ 42.2787, 28.0180,
3.5742

■ 46.5923, 35.3478,
9.0117

■ 41.4569, 26.4948,
2.9290

■ 49.6627, 40.1407,
14.1906

■ 53.4123, 45.7440,
21.2858

■ 57.8858, 52.1965,
30.4666

■ 63.1231, 59.5342,
41.8834

69.1615, 67.7910,
55.6725

76.0351, 76.9985,
71.9594

83.7764, 87.1871,
90.8605

91.6989, 98.0988,
108.7097

Harmonies

Analogous

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



53.0495, 31.3211, 16.3301



44.1501, 31.3211, 5.5523



32.6048, 31.3211, 2.7376

Triad

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



44.1501, 31.3211, 5.5523



13.7264, 31.3211, 26.8194



38.2419, 31.3211, 122.3655

Complementary

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



44.1501, 31.3211, 5.5523



32.1851, 36.5684, 92.5503

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.



27.1040, 31.3211, 131.6294



44.1501, 31.3211, 5.5523



14.5459, 31.3211, 61.5704

Square

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



44.1501, 31.3211, 5.5523



16.3192, 31.3211, 9.3239



18.9097, 31.3211, 104.8223



49.1099, 31.3211, 84.0874

Rectangle

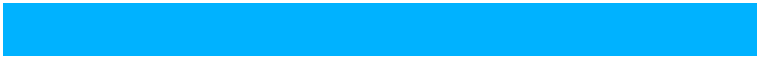
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



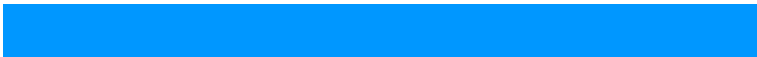
44.1501, 31.3211, 5.5523



25.6157, 31.3211, 2.8921



18.9097, 31.3211, 104.8223



34.3503, 31.3211, 129.6337

Sweetspot

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



44.1508, 31.3228, 5.5528



74.7010, 73.0916, 59.6055



46.2612, 24.0040, 41.8319



15.4770, 14.9486, 11.5760



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.



44.1508, 31.3228, 5.5528



44.9580, 28.6961, 3.1693



62.6052, 68.2316, 11.7043



16.9816, 17.4473, 17.2702



22.2480, 14.3816, 1.6033



2.0487, 1.4506, 0.1720

Inverse Universe

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



32.1851, 36.5684, 92.5503



31.3739, 33.8677, 99.4913



19.5744, 11.3470, 88.3468



16.4718, 17.7078, 21.0924



15.5854, 16.9646, 48.9911



1.4665, 1.6845, 4.3381

Previews

White Background



This preview shows how the XYZ color 44.1501, 31.3211, 5.5523 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 44.1501, 31.3211, 5.5523 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 44.1501, 31.3211, 5.5523

Background



This preview shows how black text looks on a background with the XYZ color 44.1501, 31.3211, 5.5523.



This preview shows how white text looks on a background with the XYZ color 44.1501, 31.3211,

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

44.1501, 31.3211, 5.5523

Protanopia

28.7193, 31.6538, 7.3924

Deuteranopia

31.8468, 31.2071, 5.0545



Tritanopia

47.0431, 31.4127, 18.9131

Trichromacy



Original Color

44.1501, 31.3211, 5.5523

Protanomaly

32.8318, 30.3646, 6.5134

Deuteranomaly

35.6005, 30.5787, 5.0628

Tritanomaly

45.7137, 31.3375, 12.2337

Monochromacy



Original Color

44.1501, 31.3211, 5.5523

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

29.8571, 27.3462, 17.0693

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.1501, 31.3211, 5.5523 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(246, 112, 38)` looks like.

```
.text, #text, p{  
    color:rgb(246, 112, 38)  
}
```

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(246, 112, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 112, 38) }
```

Border

The CSS property to change the border of an element to XYZ 44.1501, 31.3211, 5.5523 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(246, 112, 38) }
```


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

```
.border{ border-color:rgb(246, 112, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 112, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 112, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 112, 38);  
box-shadow:4px 4px 4px 4px rgb(246, 112,  
38) }
```

Background

The CSS property to change the background color of an element to XYZ 44.1501, 31.3211, 5.5523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 112, 38) }
```

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

```
.background{ background-color: rgb(246,  
112, 38) }
```

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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