

Converting Colors

XYZ(43.0423, 28.0763, 3.1507)

Have a look what the booklet for
XYZ(43.0423, 28.0763, 3.1507)
contains.

XYZ(43.0696, 28.1451, 3.1625)	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(43.0696, 28.1451,
3.1625)**

Conversions

Conversions Part 1

Format	Color
Hex	F95E00
RGB	249, 94, 0
RGB Percent	98%, 37%, 0%
CMY	0.0235, 0.6313, 1.0000
CMYK	0.00, 0.62, 1.00, 0.02
HSL	23°, 100%, 49%
HSV	23°, 100%, 98%
XYZ	43.0696, 28.1451, 3.1625
YIQ	129.6290, 122.5540, 3.6260

Conversions

Conversions Part 2

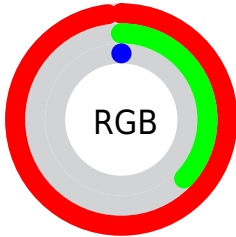
Format	Color
R_{YB}	249, 151, 0
Decimal	16342528
CIE _{Lab}	60.02, 56.37, 69.59
CIE _{LCh}	60, 89.559, 50.990
Yxy	28.1451, 0.5791, 0.3784
Android (android.graphics.Color)	4294532608 (0xFFFF95E00)
YUV	129.6290, -63.9071, 104.6884
Hunter-Lab	53.0520, 52.0722, 33.6020

Details

The XYZ color **43.0696, 28.1451, 3.1625** 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 **28.8191, 30.2802, 93.9475**, and the grayscale version is **21.2766, 22.3846, 24.3768**.

A 20% lighter version of the original color is **53.0006, 43.1601, 10.8475**, and **20.3682, 11.3924, 1.1254** is the 20% darker color. If you saturate the color by 10%, you get **43.0699, 28.1462, 3.1627**, and if you desaturate by 10%, it is **44.7641, 31.2556, 4.5879**.

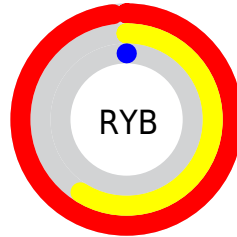
Distribution



Red (98%)

Green (37%)

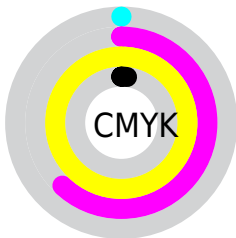
Blue (0%)



Red (98%)

Yellow (59%)

Blue (0%)

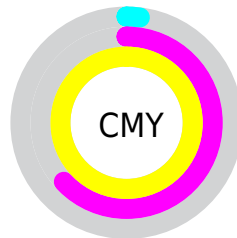


Cyan (0%)

Magenta (62%)

Yellow (100%)

Black (2%)



Cyan (2%)


Magenta (63%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.0696, 28.1451, 3.1625 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 43.0696, 28.1451, 3.1625 by changing the saturation by 10% instead.


 43.0696, 28.1451,
3.1625


 43.0696, 28.1451,
3.1625


349.8146,
293.1596, 138.4041


 30.1345, 18.4351,
1.1782


 79.0709, 56.7160,
12.0269

 20.0893, 11.2628,
0.0000


 102.8679, 76.3457,
19.7440


 12.5686, 6.2439,
0.0000

 131.0161,
100.0507, 30.2091

 7.2071, 2.9939,
0.0000

 163.8810,
128.2154, 43.8408

 3.6394, 1.1286,
0.0000

 201.8280,
161.2243, 61.0577


 1.5002, 0.0022,
0.0000

 245.2223,


 0.3260, 0.0000,


199.4617, 82.2781


0.0000


 294.4294,
243.3120, 107.9208


 0.0000, 0.0000,
0.0000


 43.0696, 28.1451,
3.1625


 43.0696, 28.1451,
3.1625


 43.0699, 28.1462,
3.1627

 44.7641, 31.2556,
4.5879

 46.9728, 35.0375,
7.2827

 49.7789, 39.5483,
11.6136

 53.2373, 44.8312,
17.8038

 57.3953, 50.9249,
26.0408

■ 62.2951, 57.8652,
36.4890

■ 67.9753, 65.6855,
49.2958

■ 74.4714, 74.4172,
64.5959

■ 81.8167, 84.0899,
82.5136

Harmonies

Analogous

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



52.9007, 28.1451, 13.2013



43.0696, 28.1451, 3.1625



30.3353, 28.1451, 1.0533

Triad

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



43.0696, 28.1451, 3.1625



10.4089, 28.1451, 21.8225



35.4025, 28.1451, 134.6694

Complementary

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



43.0696, 28.1451, 3.1625



28.8191, 30.2802, 93.9475

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.



23.4609, 28.1451, 143.9802



43.0696, 28.1451, 3.1625



11.0533, 28.1451, 59.1044

Square

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



43.0696, 28.1451, 3.1625



13.0705, 28.1451, 5.6721



15.1833, 28.1451, 109.9620



47.6712, 28.1451, 89.6328

Rectangle

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



43.0696, 28.1451, 3.1625



22.7836, 28.1451, 1.0937



15.1833, 28.1451, 109.9620



31.1543, 28.1451, 142.9254

Sweetspot

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



43.0702, 28.1467, 3.1629



71.7316, 69.3053, 51.9798



45.2125, 22.5980, 34.1919



14.7900, 14.0639, 9.8382



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.



43.0702, 28.1467, 3.1629



45.4478, 29.6756, 3.3326



63.5712, 69.1488, 9.9966



17.7816, 18.2990, 18.0573



23.1806, 15.3178, 1.7349



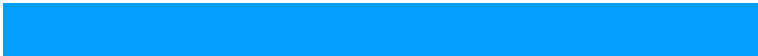
2.2453, 1.6154, 0.1935

Inverse Universe

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



28.8191, 30.2802, 93.9475



30.4013, 31.9226, 99.1671



17.6483, 7.9386, 90.2239



17.1831, 18.4430, 22.0395



15.5676, 16.4908, 50.3361



1.5438, 1.7314, 4.6960

Previews

White Background



This preview shows how the XYZ color 43.0696, 28.1451, 3.1625 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 43.0696, 28.1451, 3.1625 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 43.0696, 28.1451, 3.1625

Background



This preview shows how black text looks on a background with the XYZ color 43.0696, 28.1451, 3.1625.



This preview shows how white text looks on a background with the XYZ color 43.0696, 28.1451,

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

43.0696, 28.1451, 3.1625

Protanopia

25.4051, 28.1075, 5.0060

Deuteranopia

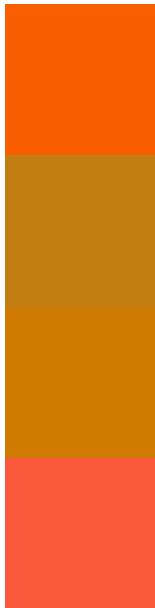
28.6169, 28.2442, 3.9434



Tritanopia

45.2492, 28.2790, 13.4294

Trichromacy



Original Color

43.0696, 28.1451, 3.1625

Protanomaly

29.8025, 26.4285, 4.0207

Deuteranomaly

32.6917, 27.1845, 3.5241

Tritanomaly

43.8699, 27.9521, 7.2208

Monochromacy



Original Color

43.0696, 28.1451, 3.1625

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

25.1562, 22.2313, 11.1488

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0696, 28.1451, 3.1625 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(249, 94, 0)` looks like.

```
.text, #text, p{  
    color:rgb(249, 94, 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(249, 94, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 94, 0) }
```

Border

The CSS property to change the border of an element to XYZ 43.0696, 28.1451, 3.1625 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(249, 94, 0) }
```


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

```
.border{ border-color:rgb(249, 94, 0) }
```

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

Here you see how a box with a 4 pixel rgb(249, 94, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 94, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 94, 0);  
box-shadow:4px 4px 4px 4px rgb(249, 94, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 43.0696, 28.1451, 3.1625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 94, 0) }
```

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

```
.background{ background-color: rgb(249, 94,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor