

Converting Colors

XYZ(48.0235, 31.6914, 15.6425)

Have a look what the booklet for
XYZ(48.0235, 31.6914, 15.6425)
contains.

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Color

**XYZ(48.0235, 31.6914,
15.6425)**

Conversions

Conversions Part 1

Format	Color
Hex	FE6764
RGB	254, 103, 100
RGB Percent	100%, 40%, 39%
CMY	0.0039, 0.5960, 0.6078
CMYK	0.00, 0.59, 0.61, 0.00
HSL	1°, 99%, 69%
HSV	1°, 61%, 100%
XYZ	48.0235, 31.6914, 15.6425
YIQ	147.8070, 90.9590, 31.0790

Conversions

Conversions Part 2

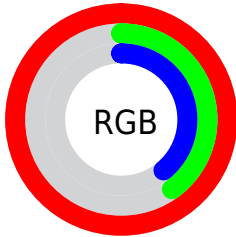
Format	Color
R_{YB}	254, 103, 100
Decimal	16672612
CIE _{Lab}	63.09, 57.34, 31.61
CIE _{LCh}	63, 65.480, 28.864
Yxy	31.6914, 0.5036, 0.3323
Android (android.graphics.Color)	4294862692 (0xFFFE6764)
YUV	147.8070, -23.5689, 93.1313
Hunter-Lab	56.2951, 53.7560, 22.9319

Details

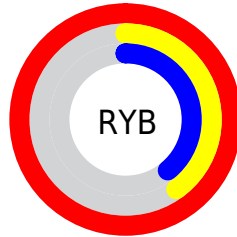
The XYZ color **48.0235, 31.6914, 15.6425** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **57.6392, 78.8537, 105.9477**, and the grayscale version is **28.1377, 29.6030, 32.2377**.

A 20% lighter version of the original color is **59.2241, 48.2906, 35.4777**, and **23.0668, 13.2102, 4.7022** is the 20% darker color. If you saturate the color by 10%, you get **44.8611, 27.0370, 9.4394**, and if you desaturate by 10%, it is **52.3080, 37.9773, 24.1099**.

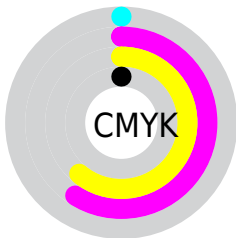
Distribution



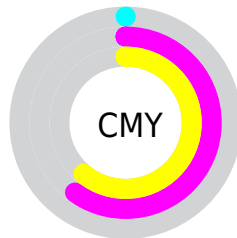
- Red (100%)
- Green (40%)
- Blue (39%)



- Red (100%)
- Yellow (40%)
- Blue (39%)



- Cyan (0%)
- Magenta (59%)
- Yellow (61%)
- Black (0%)





- Cyan (0%)
- Magenta (60%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.0235, 31.6914, 15.6425 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 48.0235, 31.6914, 15.6425 by changing the saturation by 10% instead.


 48.0235, 31.6914,
15.6425


 48.0235, 31.6914,
15.6425

369.4663,
309.7111, 238.9961


 34.0568, 21.1259,
9.1199


 86.4489, 62.3270,
36.7346


 23.1004, 13.2161,
4.7216


 111.6383, 83.1659,
52.1411

 14.7887, 7.5775,
2.0290


 141.2993,
108.1980, 71.3461

 8.7566, 3.8258,
0.5730

 175.7973,
137.8077, 94.7680

 4.6386, 1.5766,
0.0000

215.4977,
172.3795, 122.8255

 2.0694, 0.3418,
0.0000

260.7657,

 0.6725, 0.0000,

212.2978, 155.9369

0.0000

311.9668,
257.9468, 194.5209

■ 0.0000, 0.0000,
0.0000

■ 48.0235, 31.6914,
15.6425

■ 48.0235, 31.6914,
15.6425

■ 44.8611, 27.0370,
9.4394

■ 52.3080, 37.9773,
24.1099

■ 42.7137, 23.8588,
5.2820

■ 57.8038, 46.0211,
35.0297

■ 41.4580, 21.9805,
2.9109

■ 64.5940, 55.9429,
48.5720

■ 40.9267, 21.1784,
1.9308

■ 72.7535, 67.8506,
64.8914

■ 82.3517, 81.8442,
84.1305

93.4531, 98.0166,
106.4221

94.6828, 99.8107,
108.8828

Harmonies

Analogous

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



51.0220, 31.6914, 35.5016



48.0235, 31.6914, 15.6425



40.0178, 31.6914, 7.0499

Triad

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



48.0235, 31.6914, 15.6425



17.5734, 31.6914, 14.6566



29.7789, 31.6914, 111.8886

Complementary

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



48.0235, 31.6914, 15.6425



57.6392, 78.8537, 105.9477

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.



22.0085, 31.6914, 96.9414



48.0235, 31.6914, 15.6425



15.8870, 31.6914, 33.5303

Square

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



48.0235, 31.6914, 15.6425



22.4956, 31.6914, 6.7135



17.3343, 31.6914, 64.4961



39.3017, 31.6914, 98.9171

Rectangle

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



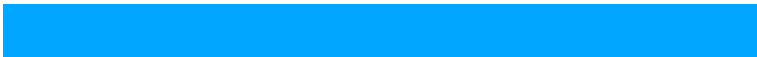
48.0235, 31.6914, 15.6425



33.6001, 31.6914, 5.1034



17.3343, 31.6914, 64.4961



26.8921, 31.6914, 109.8717

Sweetspot

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



48.0243, 31.6932, 15.6430



75.8068, 71.9600, 70.2807



62.9109, 37.1776, 95.4850



15.6577, 14.5740, 13.9053



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.



48.0243, 31.6932, 15.6430



44.6585, 26.3857, 8.3450



59.4070, 54.4586, 19.4373



18.0378, 18.0438, 18.6764



21.5893, 11.1899, 1.0220



2.1116, 1.1087, 0.1027

Inverse Universe

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



57.6392, 78.8537, 105.9477



55.1044, 77.7014, 106.7013



38.3648, 40.3049, 99.5229



18.5227, 20.4169, 23.2146



27.3110, 39.5316, 55.6255



2.6685, 3.8677, 5.4192

Previews

White Background



This preview shows how the XYZ color 48.0235, 31.6914, 15.6425 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 48.0235, 31.6914, 15.6425 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 48.0235, 31.6914, 15.6425

Background



This preview shows how black text looks on a background with the XYZ color 48.0235, 31.6914, 15.6425.



This preview shows how white text looks on a background with the XYZ color 48.0235, 31.6914,

15.6425.

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

48.0235, 31.6914, 15.6425

Protanopia

29.9467, 31.9495, 22.6777

Deuteranopia

32.2623, 31.6624, 14.7670



Tritanopia

48.3312, 31.6563, 17.7503

Trichromacy



Original Color

48.0235, 31.6914, 15.6425

Protanomaly

34.4096, 30.2560, 19.6492

Deuteranomaly

36.6723, 30.5114, 15.0228

Tritanomaly

48.1742, 31.5935, 16.9237

Monochromacy



Original Color

48.0235, 31.6914, 15.6425

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

32.8415, 28.7060, 25.2826

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.0235, 31.6914, 15.6425 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(254, 103, 100)` looks like.

```
.text, #text, p{  
    color:rgb(254, 103, 100)  
}
```

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(254, 103, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 103, 100) }
```

Border

The CSS property to change the border of an element to XYZ 48.0235, 31.6914, 15.6425 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(254, 103, 100) }
```


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

```
.border{ border-color:rgb(254, 103, 100) }
```

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

Here you see how a box with a 4 pixel rgb(254, 103, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 103, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 103, 100);  
box-shadow:4px 4px 4px 4px rgb(254, 103,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 48.0235, 31.6914, 15.6425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 103, 100) }
```

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

```
.background{ background-color: rgb(254,  
103, 100) }
```

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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