

Converting Colors

XYZ(47.4112, 31.5869, 15.7325)

Have a look what the booklet for
XYZ(47.4112, 31.5869, 15.7325)
contains.

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Color

**XYZ(47.3954, 31.5162,
15.6418)**

Conversions

Conversions Part 1

Format	Color
Hex	FC6864
RGB	252, 104, 100
RGB Percent	99%, 41%, 39%
CMY	0.0118, 0.5921, 0.6078
CMYK	0.00, 0.59, 0.60, 0.01
HSL	2°, 96%, 69%
HSV	2°, 60%, 99%
XYZ	47.3954, 31.5162, 15.6418
YIQ	147.7960, 89.4920, 30.1320

Conversions

Conversions Part 2

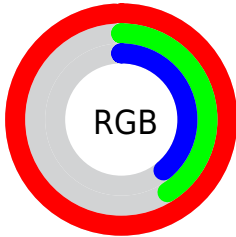
Format	Color
R _Y B	252, 104, 100
Decimal	16541796
CIE Lab	62.94, 56.23, 31.36
CIE LCh	63, 64.384, 29.148
Yxy	31.5162, 0.5013, 0.3333
Android (android.graphics.Color)	4294731876 (0xFFFC6864)
YUV	147.7960, -23.5634, 91.3869
Hunter-Lab	56.1393, 52.4542, 22.7778

Details

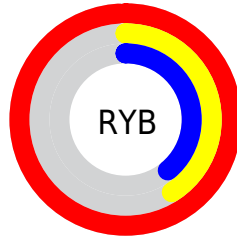
The XYZ color **47.3954, 31.5162, 15.6418** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **56.3907, 76.8666, 103.9594**, and the grayscale version is **28.1335, 29.5987, 32.2329**.

A 20% lighter version of the original color is **59.3967, 48.6360, 35.5353**, and **22.6454, 13.1089, 4.7049** is the 20% darker color. If you saturate the color by 10%, you get **44.2381, 26.8612, 9.4741**, and if you desaturate by 10%, it is **51.6495, 37.7620, 24.0359**.

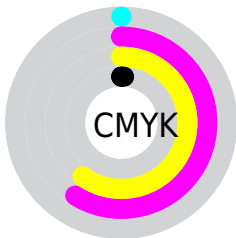
Distribution



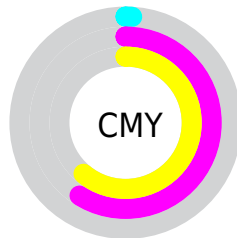
- Red (99%)
- Green (41%)
- Blue (39%)



- Red (99%)
- Yellow (41%)
- Blue (39%)



- Cyan (0%)
- Magenta (59%)
- Yellow (60%)
- Black (1%)





- Cyan (1%)
- Magenta (59%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.3954, 31.5162, 15.6418 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 47.3954, 31.5162, 15.6418 by changing the saturation by 10% instead.


 47.3954, 31.5162,
15.6418


 47.3954, 31.5162,
15.6418


367.0132,
308.9094, 238.9918

 33.5576, 20.9922,
9.1194


 85.5187, 62.0519,
36.7333

 22.7152, 13.1183,
4.7213


 110.5349, 82.8324,
52.1396

 14.5029, 7.5101,
2.0288


 140.0079,
107.8005, 71.3442

 8.5553, 3.7831,
0.5729

 174.3032,
137.3407, 94.7657

 4.5070, 1.5530,
0.0000

213.7860,
171.8372, 122.8227

 1.9928, 0.3256,
0.0000

258.8217,

 0.6299, 0.0000,

211.6746, 155.9337

0.0000

309.7756,
257.2372, 194.5172

■ 0.0000, 0.0000,
0.0000

■ 47.3954, 31.5162,
15.6418

■ 47.3954, 31.5162,
15.6418

■ 44.2381, 26.8612,
9.4741

■ 51.6495, 37.7620,
24.0359

■ 42.0750, 23.6487,
5.3197

■ 57.0863, 45.7189,
34.8395

■ 40.7882, 21.7120,
2.9273

■ 63.7856, 55.5021,
48.2185

■ 40.2167, 20.8396,
1.9028

■ 71.8197, 67.2148,
64.3239

■ 81.2554, 80.9529,
83.2947

92.1552, 96.8058,
105.2608

93.9546, 99.4353,
108.8487

Harmonies

Analogous

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



50.3770, 31.5162, 35.0453



47.3954, 31.5162, 15.6418



39.5489, 31.5162, 7.1883

Triad

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



47.3954, 31.5162, 15.6418



17.6002, 31.5162, 14.9104



29.7030, 31.5162, 109.6714

Complementary

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



47.3954, 31.5162, 15.6418



56.3907, 76.8666, 103.9594

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.



22.0538, 31.5162, 95.3994



47.3954, 31.5162, 15.6418



15.9669, 31.5162, 33.5965

Square

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



47.3954, 31.5162, 15.6418



22.4130, 31.5162, 6.9358



17.4234, 31.5162, 63.9196



39.0240, 31.5162, 96.8388

Rectangle

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



47.3954, 31.5162, 15.6418



33.2721, 31.5162, 5.2671



17.4234, 31.5162, 63.9196



26.8664, 31.5162, 107.8042

Sweetspot

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



47.3962, 31.5179, 15.6423



75.8843, 72.1151, 70.3066



61.8735, 36.6785, 93.8226



15.6762, 14.6108, 13.9114



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.



47.3962, 31.5179, 15.6423



44.9914, 26.9224, 8.8540



58.4716, 53.6689, 19.3342



17.2813, 17.2985, 17.8905



20.9659, 10.8885, 0.9967



1.9543, 1.0335, 0.0965

Inverse Universe

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



56.3907, 76.8666, 103.9594



54.9127, 77.0442, 106.5846



37.8594, 39.8041, 97.7823



17.7243, 19.5254, 22.2199



26.2359, 37.8273, 53.8922



2.4420, 3.5276, 4.9954

Previews

White Background



This preview shows how the XYZ color 47.3954, 31.5162, 15.6418 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 47.3954, 31.5162, 15.6418 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 47.3954, 31.5162, 15.6418

Background



This preview shows how black text looks on a background with the XYZ color 47.3954, 31.5162, 15.6418.



This preview shows how white text looks on a background with the XYZ color 47.3954, 31.5162,

15.6418.

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

47.3954, 31.5162, 15.6418

Protanopia

29.5187, 31.4939, 22.2924

Deuteranopia

32.2623, 31.6624, 14.7670



Tritanopia

48.1186, 31.6873, 18.0481

Trichromacy



Original Color

47.3954, 31.5162, 15.6418

Protanomaly

34.1503, 30.1223, 19.6371

Deuteranomaly

36.5221, 30.6324, 15.0541

Tritanomaly

47.9598, 31.6237, 17.2119

Monochromacy



Original Color

47.3954, 31.5162, 15.6418

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

32.5977, 28.5803, 25.2712

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.3954, 31.5162, 15.6418 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(252, 104, 100)` looks like.

```
.text, #text, p{  
    color:rgb(252, 104, 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(252, 104, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 104, 100) }
```

Border

The CSS property to change the border of an element to XYZ 47.3954, 31.5162, 15.6418 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(252, 104, 100) }
```


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

```
.border{ border-color:rgb(252, 104, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 104, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 104, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 104, 100);  
box-shadow:4px 4px 4px 4px rgb(252, 104,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 47.3954, 31.5162, 15.6418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 104, 100) }
```

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

```
.background{ background-color: rgb(252,  
104, 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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