

Converting Colors

XYZ(64.5293, 39.8565, 15.6840)

Have a look what the booklet for
XYZ(64.5293, 39.8565, 15.6840)
contains.

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Color

**XYZ(48.0513, 31.4304,
14.8434)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6561
RGB	255, 101, 97
RGB Percent	100%, 40%, 38%
CMY	0.0000, 0.6039, 0.6196
CMYK	0.00, 0.60, 0.62, 0.00
HSL	2°, 100%, 69%
HSV	2°, 62%, 100%
XYZ	48.0513, 31.4304, 14.8434
YIQ	146.5900, 93.0680, 31.4040

Conversions

Conversions Part 2

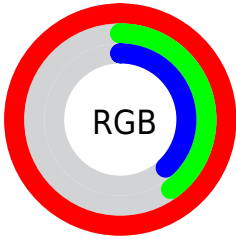
Format	Color
R _Y B	255, 101, 97
Decimal	16737633
CIE Lab	62.87, 58.36, 33.05
CIE LCh	63, 67.068, 29.522
Yxy	31.4304, 0.5094, 0.3332
Android (android.graphics.Color)	4294927713 (0xFFFF6561)
YUV	146.5900, -24.4479, 95.0756
Hunter-Lab	56.0628, 54.8820, 23.5461

Details

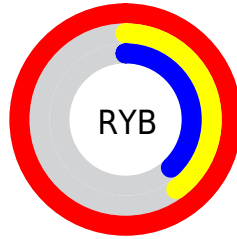
The XYZ color **48.0513, 31.4304, 14.8434** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **57.4741, 78.7500, 106.7782**, and the grayscale version is **27.6360, 29.0752, 31.6629**.

A 20% lighter version of the original color is **58.6423, 47.5121, 34.0969**, and **23.1419, 13.0927, 4.3250** is the 20% darker color. If you saturate the color by 10%, you get **44.9884, 26.9117, 8.8692**, and if you desaturate by 10%, it is **52.2270, 37.5640, 23.0735**.

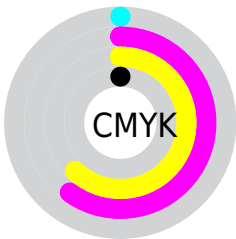
Distribution



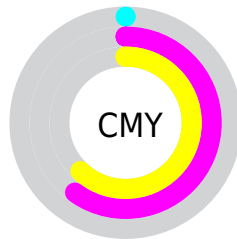
- Red (100%)
- Green (40%)
- Blue (38%)



- Red (100%)
- Yellow (40%)
- Blue (38%)



- Cyan (0%)
- Magenta (60%)
- Yellow (62%)
- Black (0%)





- Cyan (0%)
- Magenta (60%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.0513, 31.4304, 14.8434 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 48.0513, 31.4304, 14.8434 by changing the saturation by 10% instead.


 48.0513, 31.4304,
14.8434

 48.0513, 31.4304,
14.8434

369.5746,
308.5163, 234.0244


 34.0789, 20.9268,
8.5642


 86.4900, 61.9171,
35.3166


 23.1174, 13.0705,
4.3651


 111.6871, 82.6689,
50.3477

 14.8014, 7.4771,
1.8277


 141.3564,
107.6057, 69.1331

 8.7655, 3.7622,
0.4461

 175.8634,
137.1117, 92.0914

 4.6444, 1.5415,
0.0000

215.5733,
171.5713, 119.6412

 2.0728, 0.3176,
0.0000

260.8516,

 0.6744, 0.0000,

211.3691, 152.2009

0.0000

312.0636,
256.8893, 190.1891

■ 0.0000, 0.0000,
0.0000

■ 48.0513, 31.4304,
14.8434

■ 48.0513, 31.4304,
14.8434

■ 44.9884, 26.9117,
8.8692

■ 52.2270, 37.5640,
23.0735

■ 42.9300, 23.8514,
4.9260

■ 57.6060, 45.4398,
33.7520

■ 41.7499, 22.0711,
2.7451

■ 64.2720, 55.1781,
47.0527

■ 41.3099, 21.4003,
1.9534

■ 72.3006, 66.8875,
63.1332

■ 81.7618, 80.6678,
82.1387

92.7204, 96.6125,
104.2042

95.0497, 99.9999,
108.9000

Harmonies

Analogous

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



51.2713, 31.4304, 34.6463



48.0513, 31.4304, 14.8434



39.7688, 31.4304, 6.5038

Triad

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



48.0513, 31.4304, 14.8434



17.0798, 31.4304, 14.4283



29.7265, 31.4304, 113.9361

Complementary

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



48.0513, 31.4304, 14.8434



57.4741, 78.7500, 106.7782

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.



21.7733, 31.4304, 99.0408



48.0513, 31.4304, 14.8434



15.4519, 31.4304, 33.8019

Square

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



48.0513, 31.4304, 14.8434



21.9807, 31.4304, 6.3652



16.9784, 31.4304, 65.7298



39.4606, 31.4304, 99.9006

Rectangle

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



48.0513, 31.4304, 14.8434



33.2057, 31.4304, 4.6747



16.9784, 31.4304, 65.7298



26.7723, 31.4304, 112.0677

Sweetspot

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



48.0520, 31.4322, 14.8439



74.9496, 70.7472, 68.4487



63.1433, 36.8609, 96.1866



15.4941, 14.3440, 13.5507



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.



48.0520, 31.4322, 14.8439



44.4910, 26.1745, 7.9080



59.4442, 54.2164, 18.6413



18.0463, 18.0608, 18.6793



21.6015, 11.2141, 1.0260



2.1157, 1.1167, 0.1040

Inverse Universe

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



57.4741, 78.7500, 106.7782



54.5688, 76.8921, 106.5733



37.9938, 39.7894, 100.2847



18.5130, 20.3977, 23.2114



27.0744, 39.0583, 55.5466



2.6482, 3.8270, 5.4124

Previews

White Background



This preview shows how the XYZ color 48.0513, 31.4304, 14.8434 looks on a white background.

Color Contrast Check

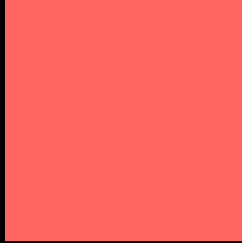
Large Text (above 18pt) WCAG AA × Fail

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 48.0513, 31.4304, 14.8434 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 48.0513, 31.4304, 14.8434

Background



This preview shows how black text looks on a background with the XYZ color 48.0513, 31.4304, 14.8434.



This preview shows how white text looks on a background with the XYZ color 48.0513, 31.4304,

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

48.0513, 31.4304, 14.8434

Protanopia

29.6025, 31.5510, 21.6693

Deuteranopia

31.9362, 31.2864, 13.8068



Tritanopia

48.3987, 31.4150, 17.1485

Trichromacy



Original Color

48.0513, 31.4304, 14.8434

Protanomaly

33.9670, 29.6366, 18.6820

Deuteranomaly

36.3604, 30.1749, 14.0331

Tritanomaly

48.2454, 31.3536, 16.3410

Monochromacy



Original Color

48.0513, 31.4304, 14.8434

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

32.1948, 27.9893, 24.4745

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.0513, 31.4304, 14.8434 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(255, 101, 97)` looks like.

```
.text, #text, p{  
    color:rgb(255, 101, 97)  
}
```

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(255, 101, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 101, 97) }
```

Border

The CSS property to change the border of an element to XYZ 48.0513, 31.4304, 14.8434 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(255, 101, 97) }
```


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

```
.border{ border-color:rgb(255, 101, 97) }
```

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

Here you see how a box with a 4 pixel rgb(255, 101, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 101, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 101, 97);  
box-shadow:4px 4px 4px 4px rgb(255, 101,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 48.0513, 31.4304, 14.8434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 101, 97) }
```

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

```
.background{ background-color: rgb(255,  
101, 97) }
```

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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