

Converting Colors

XYZ(43.8116, 31.9331, 5.9990)

Have a look what the booklet for
XYZ(43.8116, 31.9331, 5.9990)
contains.

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Color

**XYZ(43.7414, 31.9444,
6.0510)**

Conversions

Conversions Part 1

Format	Color
Hex	F3752A
RGB	243, 117, 42
RGB Percent	95%, 46%, 16%
CMY	0.0471, 0.5411, 0.8353
CMYK	0.00, 0.52, 0.83, 0.05
HSL	22°, 89%, 56%
HSV	22°, 83%, 95%
XYZ	43.7414, 31.9444, 6.0510
YIQ	146.1240, 99.1710, 3.3870

Conversions

Conversions Part 2

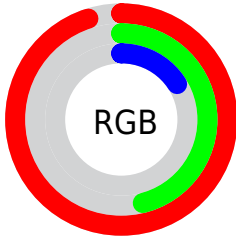
Format	Color
R _Y B	243, 162, 42
Decimal	15955242
CIE Lab	63.30, 44.23, 60.40
CIE LCh	63, 74.862, 53.782
Yxy	31.9444, 0.5351, 0.3908
Android (android.graphics.Color)	4294145322 (0xFFFF3752A)
YUV	146.1240, -51.3331, 84.9603
Hunter-Lab	56.5194, 39.2356, 33.2159

Details

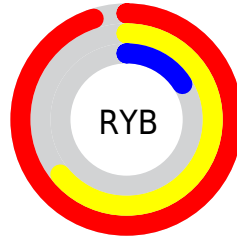
The XYZ color **43.7414, 31.9444, 6.0510** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **31.1342, 34.9666, 89.9018**, and the grayscale version is **27.5491, 28.9838, 31.5634**.

A 20% lighter version of the original color is **57.8233, 51.1940, 17.4235**, and **20.7127, 13.4839, 1.5110** is the 20% darker color. If you saturate the color by 10%, you get **41.7981, 28.5560, 3.8685**, and if you desaturate by 10%, it is **46.2381, 36.0192, 9.7166**.

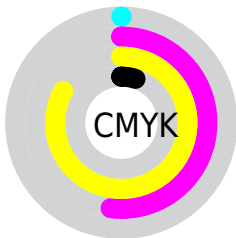
Distribution



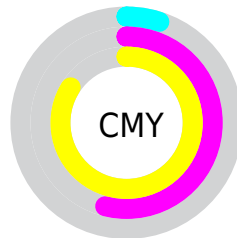
- Red (95%)
- Green (46%)
- Blue (16%)



- Red (95%)
- Yellow (64%)
- Blue (16%)



- Cyan (0%)
- Magenta (52%)
- Yellow (83%)
- Black (5%)





- Cyan (5%)
- Magenta (54%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.7414, 31.9444, 6.0510 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 43.7414, 31.9444, 6.0510 by changing the saturation by 10% instead.


 43.7414, 31.9444,
6.0510


 43.7414, 31.9444,
6.0510


352.5220,
310.8659, 168.8473


 30.6643, 21.3190,
2.8068


 80.0772, 62.7239,
18.5162


 20.4939, 13.3574,
0.9969


 104.0667, 83.6469,
28.5742


 12.8649, 7.6751,
0.0000

 132.4243,
108.7711, 41.7406

 7.4120, 3.8878,
0.0000

 165.5154,
138.4811, 58.4340

 3.7697, 1.6110,
0.0000

 203.7053,
173.1611, 79.0728

 1.5727, 0.3650,
0.0000

 247.3595,

 0.3745, 0.0000,

213.1957, 104.0756

0.0000

296.8433,
258.9692, 133.8609

■ 0.0000, 0.0000,
0.0000

■ 43.7414, 31.9444,
6.0510

■ 43.7414, 31.9444,
6.0510

■ 41.7981, 28.5560,
3.8685

■ 46.2381, 36.0192,
9.7166


■ 40.6756, 26.4819,
2.9677


■ 49.3404, 40.8176,
15.0860


■ 53.0956, 46.3795,
22.3441


■ 57.5446, 52.7399,
31.6508

■ 62.7251, 59.9313,
43.1489

 68.6713, 67.9841,
56.9684

 75.4155, 76.9271,
73.2289

 82.9876, 86.7877,
92.0417

 90.4843, 97.2194,
108.6039

Harmonies

Analogous

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



52.5219, 31.9444, 16.4549



43.7414, 31.9444, 6.0510



32.5749, 31.9444, 3.2906

Triad

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



43.7414, 31.9444, 6.0510



14.5343, 31.9444, 28.9529



39.1386, 31.9444, 117.6401

Complementary

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



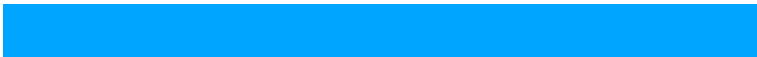
43.7414, 31.9444, 6.0510



31.1342, 34.9666, 89.9018

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.



28.2521, 31.9444, 128.1100



43.7414, 31.9444, 6.0510



15.5206, 31.9444, 63.2839

Square

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



43.7414, 31.9444, 6.0510



16.9435, 31.9444, 10.7669



20.0340, 31.9444, 104.2390



49.4690, 31.9444, 80.6420

Rectangle

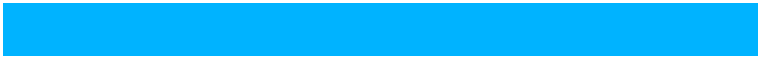
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



43.7414, 31.9444, 6.0510



25.8533, 31.9444, 3.5699



20.0340, 31.9444, 104.2390



35.3670, 31.9444, 125.0141

Sweetspot

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



43.7421, 31.9462, 6.0515



74.9819, 73.6535, 59.6992



44.9797, 23.5866, 39.8663



15.5432, 15.0810, 11.5980



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.



43.7421, 31.9462, 6.0515



45.5061, 29.7698, 3.4209



61.9870, 68.4360, 12.1332



17.0057, 17.4955, 17.2782



22.4430, 14.7715, 1.6683



2.0677, 1.4886, 0.1784

Inverse Universe

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



31.1342, 34.9666, 89.9018



30.7909, 32.6545, 99.2878



19.2485, 11.1953, 85.9399



16.4468, 17.6578, 21.0840



15.2036, 16.2009, 48.8638



1.4346, 1.6206, 4.3274

Previews

White Background



This preview shows how the XYZ color 43.7414, 31.9444, 6.0510 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 43.7414, 31.9444, 6.0510 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 43.7414, 31.9444, 6.0510

Background



This preview shows how black text looks on a background with the XYZ color 43.7414, 31.9444, 6.0510.



This preview shows how white text looks on a background with the XYZ color 43.7414, 31.9444,

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

43.7414, 31.9444, 6.0510

Protanopia

29.1887, 32.1298, 7.9121

Deuteranopia

32.7614, 32.1208, 5.7015



Tritanopia

46.7929, 32.0290, 20.5456

Trichromacy



Original Color

43.7414, 31.9444, 6.0510

Protanomaly

33.3471, 31.2689, 7.0742

Deuteranomaly

36.1041, 31.4405, 5.6791

Tritanomaly

45.4068, 31.9609, 13.4487

Monochromacy



Original Color

43.7414, 31.9444, 6.0510

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

30.4268, 28.2344, 18.0335

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7414, 31.9444, 6.0510 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(243, 117, 42)` looks like.

```
.text, #text, p{  
    color:rgb(243, 117, 42)  
}
```

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(243, 117, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 117, 42) }
```

Border

The CSS property to change the border of an element to XYZ 43.7414, 31.9444, 6.0510 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(243, 117, 42) }
```


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

```
.border{ border-color:rgb(243, 117, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 117, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 117, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 117, 42);  
box-shadow:4px 4px 4px 4px rgb(243, 117,  
42) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7414, 31.9444, 6.0510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 117, 42) }
```

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

```
.background{ background-color: rgb(243,  
117, 42) }
```

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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