

Converting Colors

XYZ(43.3232, 31.5843, 9.9305)

Have a look what the booklet for
XYZ(43.3232, 31.5843, 9.9305)
contains.

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Color

**XYZ(43.4662, 31.7157,
9.9617)**

Conversions

Conversions Part 1

Format	Color
Hex	F07548
RGB	240, 117, 72
RGB Percent	94%, 46%, 28%
CMY	0.0588, 0.5411, 0.7176
CMYK	0.00, 0.51, 0.70, 0.06
HSL	16°, 85%, 61%
HSV	16°, 70%, 94%
XYZ	43.4662, 31.7157, 9.9617
YIQ	148.6470, 87.7530, 12.0810

Conversions

Conversions Part 2

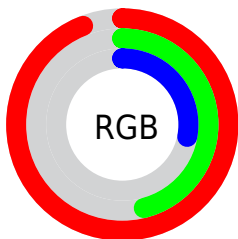
Format	Color
R _Y B	240, 133, 72
Decimal	15758664
CIE Lab	63.11, 44.24, 46.27
CIE LCh	63, 64.017, 46.286
Yxy	31.7157, 0.5105, 0.3725
Android (android.graphics.Color)	4293948744 (0xFFFF07548)
YUV	148.6470, -37.7870, 80.1166
Hunter-Lab	56.3167, 39.2152, 28.9340

Details

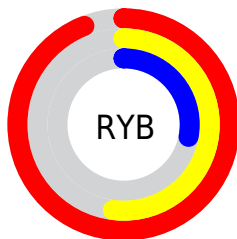
The XYZ color **43.4662, 31.7157, 9.9617** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle washed orange. A complement of this color would be **37.9143, 46.6962, 89.4527**, and the grayscale version is **28.5476, 30.0342, 32.7073**.

A 20% lighter version of the original color is **59.3158, 51.7910, 25.2827**, and **20.4153, 13.3115, 2.3575** is the 20% darker color. If you saturate the color by 10%, you get **40.9719, 27.7453, 5.9924**, and if you desaturate by 10%, it is **46.6516, 36.5802, 15.6685**.

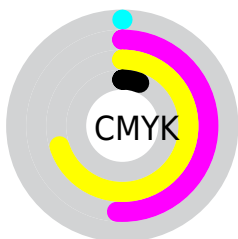
Distribution



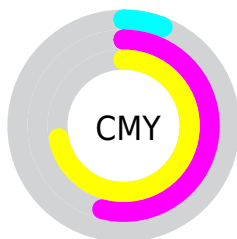
- Red (94%)
- Green (46%)
- Blue (28%)



- Red (94%)
- Yellow (52%)
- Blue (28%)



- Cyan (0%)
- Magenta (51%)
- Yellow (70%)
- Black (6%)





- Cyan (6%)
- Magenta (54%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.4662, 31.7157, 9.9617 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 43.4662, 31.7157, 9.9617 by changing the saturation by 10% instead.


 43.4662, 31.7157,
9.9617

 43.4662, 31.7157,
9.9617

351.4146,
309.8221, 200.8734


 30.4472, 21.1444,
5.2683


 79.6652, 62.3651,
26.3301

 20.3280, 13.2296,
2.3440


 103.5760, 83.2121,
38.8422


 12.7433, 7.5869,
0.7557


 131.8480,
108.2531, 54.7976

 7.3278, 3.8317,
0.0000

 164.8466,
137.8725, 74.6149

 3.7161, 1.5799,
0.0000

 202.9372,
172.4547, 98.7126

 1.5428, 0.3440,
0.0000

246.4852,

 0.3547, 0.0000,

212.3841, 127.5092

0.0000

295.8559,
258.0451, 161.4233

■ 0.0000, 0.0000,
0.0000

■ 43.4662, 31.7157,
9.9617

■ 43.4662, 31.7157,
9.9617

■ 40.9719, 27.7453,
5.9924

■ 46.6516, 36.5802,
15.6685

■ 39.1071, 24.6056,
3.5524

■ 50.5776, 42.3860,
23.2853


■ 37.7852, 22.2255,
2.2985


■ 55.2912, 49.1830,
32.9652

■ 37.7851, 22.2253,
2.2984

■ 60.8348, 57.0159,
44.8452

■ 67.2474, 65.9266,
59.0506

 74.5655, 75.9545,
75.6971

 82.8236, 87.1371,
94.8928

 89.7450, 97.2652,
108.6517

Harmonies

Analogous

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



49.5556, 31.7157, 22.6128



43.4662, 31.7157, 9.9617



34.3518, 31.7157, 5.5600

Triad

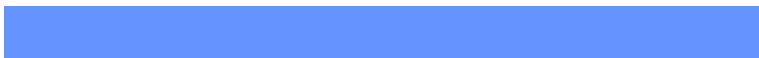
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



43.4662, 31.7157, 9.9617



16.4758, 31.7157, 24.2403



35.1613, 31.7157, 105.3937

Complementary

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



43.4662, 31.7157, 9.9617



37.9143, 46.6962, 89.4527

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.



26.2961, 31.7157, 106.5868



43.4662, 31.7157, 9.9617



16.6080, 31.7157, 50.0430

Square

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



43.4662, 31.7157, 9.9617



19.4627, 31.7157, 10.6509



19.8681, 31.7157, 82.9517



44.1577, 31.7157, 80.2140

Rectangle

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



43.4662, 31.7157, 9.9617



28.3237, 31.7157, 5.2425



19.8681, 31.7157, 82.9517



32.0424, 31.7157, 108.9226

Sweetspot

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



43.4669, 31.7174, 9.9622



76.3392, 74.5055, 65.8938



48.1254, 27.1093, 54.4445



15.8880, 15.3219, 13.0961



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.



43.4669, 31.7174, 9.9622



46.0216, 30.1885, 5.4809



57.9448, 60.6731, 14.7882



16.1172, 16.4476, 16.4750



20.7776, 12.3532, 1.2893



1.8077, 1.1861, 0.1337

Inverse Universe

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



37.9143, 46.6962, 89.4527



39.0630, 47.9004, 101.7946



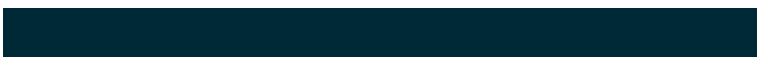
24.1071, 19.0818, 84.8502



15.8683, 17.1708, 20.1995



17.1923, 20.6088, 48.1996



1.5117, 1.8773, 4.0369

Previews

White Background



This preview shows how the XYZ color 43.4662, 31.7157, 9.9617 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 43.4662, 31.7157, 9.9617 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 43.4662, 31.7157, 9.9617

Background



This preview shows how black text looks on a background with the XYZ color 43.4662, 31.7157, 9.9617.



This preview shows how white text looks on a background with the XYZ color 43.4662, 31.7157,

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

43.4662, 31.7157, 9.9617

Protanopia

29.3537, 31.8576, 12.9895

Deuteranopia

32.4682, 31.8866, 9.4445



Tritanopia

45.6322, 31.5780, 21.1429

Trichromacy



Original Color

43.4662, 31.7157, 9.9617

Protanomaly

33.3317, 30.9375, 11.8042

Deuteranomaly

35.7198, 31.1552, 9.5998

Tritanomaly

44.5790, 31.4703, 16.2952

Monochromacy



Original Color

43.4662, 31.7157, 9.9617

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

31.6883, 29.2169, 22.0584

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4662, 31.7157, 9.9617 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(240, 117, 72)` looks like.

```
.text, #text, p{  
    color:rgb(240, 117, 72)  
}
```

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(240, 117, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 117, 72) }
```

Border

The CSS property to change the border of an element to XYZ 43.4662, 31.7157, 9.9617 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(240, 117, 72) }
```


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

```
.border{ border-color:rgb(240, 117, 72) }
```

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

Here you see how a box with a 4 pixel rgb(240, 117, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 117, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 117, 72);  
box-shadow:4px 4px 4px 4px rgb(240, 117,  
72) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4662, 31.7157, 9.9617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 117, 72) }
```

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

```
.background{ background-color: rgb(240,  
117, 72) }
```

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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