

Converting Colors

XYZ(48.3889, 33.4832, 14.2685)

Have a look what the booklet for
XYZ(48.3889, 33.4832, 14.2685)
contains.

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Color

**XYZ(48.3889, 33.4832,
14.2685)**

Conversions

Conversions Part 1

Format	Color
Hex	FD715D
RGB	253, 113, 93
RGB Percent	99%, 44%, 36%
CMY	0.0078, 0.5568, 0.6353
CMYK	0.00, 0.55, 0.63, 0.01
HSL	8°, 98%, 68%
HSV	8°, 63%, 99%
XYZ	48.3889, 33.4832, 14.2685
YIQ	152.5800, 89.8600, 23.4600

Conversions

Conversions Part 2

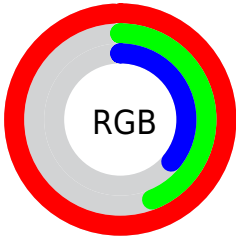
Format	Color
R _Y B	253, 116, 93
Decimal	16609629
CIE Lab	64.55, 52.05, 37.29
CIE LCh	65, 64.027, 35.624
Yxy	33.4832, 0.5033, 0.3483
Android (android.graphics.Color)	4294799709 (0xFFFD715D)
YUV	152.5800, -29.3729, 88.0683
Hunter-Lab	57.8647, 48.0061, 25.8853

Details

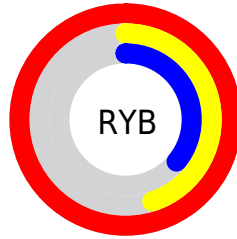
The XYZ color **48.3889, 33.4832, 14.2685** is a light color, and the websafe version is hex **FF6666**. The color can be described as light muted orange. A complement of this color would be **51.3805, 67.6923, 103.2858**, and the grayscale version is **30.1931, 31.7655, 34.5926**.

A 20% lighter version of the original color is **60.2767, 51.2789, 33.1064**, and **23.2414, 14.1705, 4.0950** is the 20% darker color. If you saturate the color by 10%, you get **45.2722, 28.7566, 8.5856**, and if you desaturate by 10%, it is **52.4799, 39.5661, 22.1046**.

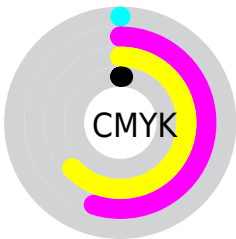
Distribution



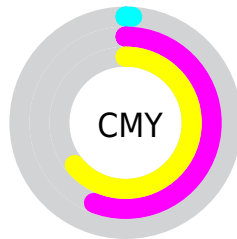
- Red (99%)
- Green (44%)
- Blue (36%)



- Red (99%)
- Yellow (45%)
- Blue (36%)



- Cyan (0%)
- Magenta (55%)
- Yellow (63%)
- Black (1%)





- Cyan (1%)
- Magenta (56%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.3889, 33.4832, 14.2685 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 48.3889, 33.4832, 14.2685 by changing the saturation by 10% instead.


 48.3889, 33.4832,
14.2685


 48.3889, 33.4832,
14.2685


370.8886,
317.8215, 230.3811

 34.3475, 22.4969,
8.1668


 86.9894, 65.1292,
34.2886

 23.3248, 14.2224,
4.1125


 112.2791, 86.5576,
49.0441

 14.9556, 8.2755,
1.6873


 142.0490,
112.2356, 67.5213

 8.8743, 4.2718,
0.3520

 176.6645,
142.5474, 90.1387

 4.7157, 1.8267,
0.0000

216.4908,
177.8775, 117.3148

 2.1145, 0.5037,
0.0000

261.8933,

 0.6971, 0.0000,

218.6103, 149.4682

0.0000

313.2375,
265.1301, 187.0174

■ 0.0000, 0.0000,
0.0000

■ 48.3889, 33.4832,
14.2685

■ 48.3889, 33.4832,
14.2685

■ 45.2722, 28.7566,
8.5856

■ 52.4799, 39.5661,
22.1046

■ 43.0448, 25.2764,
4.8385

■ 57.6159, 47.0931,
32.2792

■ 41.6103, 22.9245,
2.7662

■ 63.8638, 56.1511,
44.9597

■ 41.0145, 21.8961,
2.0647

■ 71.2839, 66.8185,
60.2976

■ 79.9324, 79.1682,
78.4322

89.8617, 93.2687,
99.4934

94.3178, 99.6225,
108.8657

Harmonies

Analogous

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



52.7589, 33.4832, 31.7362



48.3889, 33.4832, 14.2685



39.6586, 33.4832, 7.1159

Triad

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



48.3889, 33.4832, 14.2685



18.3308, 33.4832, 19.3550



33.5815, 33.4832, 113.1830

Complementary

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



48.3889, 33.4832, 14.2685



51.3805, 67.6923, 103.2858

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.



25.0971, 33.4832, 104.3725



48.3889, 33.4832, 14.2685



17.3220, 33.4832, 41.6253

Square

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



48.3889, 33.4832, 14.2685



22.6318, 33.4832, 8.9114



19.5513, 33.4832, 74.4198



43.2208, 33.4832, 94.7237

Rectangle

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



48.3889, 33.4832, 14.2685



33.1873, 33.4832, 5.7509



19.5513, 33.4832, 74.4198



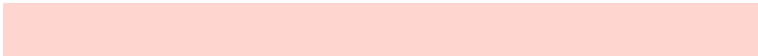
30.5001, 33.4832, 113.3867

Sweetspot

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



48.3897, 33.4850, 14.2691



76.1434, 73.1348, 68.8467



59.3214, 34.6711, 81.6585



15.7758, 14.9074, 13.6446



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.



48.3897, 33.4850, 14.2691



45.3705, 28.1647, 7.4882



61.2601, 59.2259, 18.5592



18.1924, 18.3529, 18.7280



21.8737, 11.7586, 1.1168



2.1847, 1.2547, 0.1270

Inverse Universe

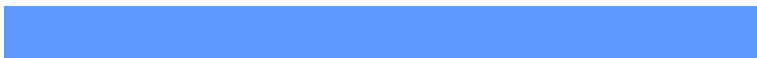
The Inverse Universe completely reimagines the original color for something new.



51.3805, 67.6923, 103.2858



48.4972, 65.2393, 104.6441



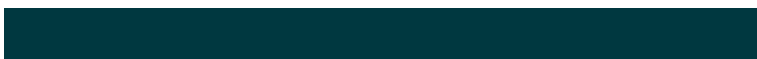
33.8546, 32.6406, 97.4438



18.3496, 20.0709, 23.1569



23.3116, 31.5328, 54.2924



2.3218, 3.1742, 5.3036

Previews

White Background



This preview shows how the XYZ color 48.3889, 33.4832, 14.2685 looks on a white background.

Color Contrast Check

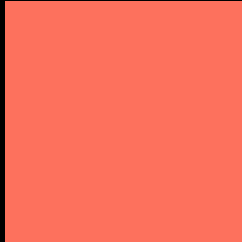
Large Text (above 18pt) WCAG AA × Fail

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 48.3889, 33.4832, 14.2685 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 48.3889, 33.4832, 14.2685

Background



This preview shows how black text looks on a background with the XYZ color 48.3889, 33.4832, 14.2685.



This preview shows how white text looks on a background with the XYZ color 48.3889, 33.4832,

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

48.3889, 33.4832, 14.2685

Protanopia

31.2336, 33.6747, 19.6055

Deuteranopia

34.3243, 33.6910, 13.4980



Tritanopia

49.6599, 33.5070, 20.6798

Trichromacy



Original Color

48.3889, 33.4832, 14.2685

Protanomaly

35.8430, 32.3286, 17.4476

Deuteranomaly

38.4804, 32.9087, 13.7751

Tritanomaly

49.2643, 33.5224, 18.0613

Monochromacy



Original Color

48.3889, 33.4832, 14.2685

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

34.1715, 30.6345, 25.5847

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.3889, 33.4832, 14.2685 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(253, 113, 93)` looks like.

```
.text, #text, p{  
    color:rgb(253, 113, 93)  
}
```

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(253, 113, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 113, 93) }
```

Border

The CSS property to change the border of an element to XYZ 48.3889, 33.4832, 14.2685 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(253, 113, 93) }
```


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

```
.border{ border-color:rgb(253, 113, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 113, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 113, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 113, 93);  
box-shadow:4px 4px 4px 4px rgb(253, 113,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 48.3889, 33.4832, 14.2685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 113, 93) }
```

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

```
.background{ background-color: rgb(253,  
113, 93) }
```

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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