

Converting Colors

XYZ(49.3982, 41.0352, 19.7250)

Have a look what the booklet for
XYZ(49.3982, 41.0352, 19.7250)
contains.

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Color

**XYZ(49.4429, 41.1243,
19.7999)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | F0956D |
| RGB | 240, 149, 109 |
| RGB Percent | 94%, 58%, 43% |
| CMY | 0.0588, 0.4157, 0.5725 |
| CMYK | 0.00, 0.38, 0.55, 0.06 |
| HSL | 18°, 81%, 68% |
| HSV | 18°, 55%, 94% |
| XYZ | 49.4429, 41.1243, 19.7999 |
| YIQ | 171.6490, 67.0760, 6.8520 |

Conversions

Conversions Part 2

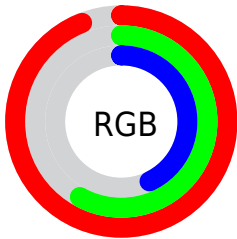
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 240, 167, 109 |
| Decimal | 15766893 |
| CIE Lab | 70.26, 30.30, 35.42 |
| CIE LCh | 70, 46.612, 49.455 |
| Yxy | 41.1243, 0.4480, 0.3726 |
| Android (android.graphics.Color) | 4293956973 (0xFFFF0956D) |
| YUV | 171.6490, -30.8860, 59.9438 |
| Hunter-Lab | 64.1282, 25.3992, 26.5837 |

Details

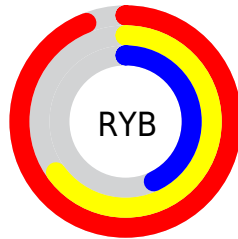
The XYZ color **49.4429, 41.1243, 19.7999** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **42.6879, 50.8484, 90.0024**, and the grayscale version is **39.1637, 41.2032, 44.8703**.

A 20% lighter version of the original color is **69.2659, 67.0189, 43.0035**, and **23.9127, 18.5789, 6.6007** is the 20% darker color. If you saturate the color by 10%, you get **45.8717, 35.7749, 13.0822**, and if you desaturate by 10%, it is **53.7464, 47.3740, 28.5022**.

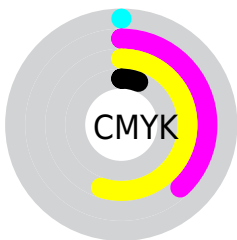
Distribution



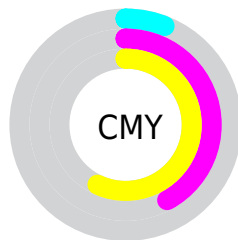
- Red (94%)
- Green (58%)
- Blue (43%)



- Red (94%)
- Yellow (65%)
- Blue (43%)



- Cyan (0%)
- Magenta (38%)
- Yellow (55%)
- Black (6%)





- Cyan (6%)
- Magenta (42%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.4429, 41.1243, 19.7999 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 49.4429, 41.1243, 19.7999 by changing the saturation by 10% instead.


 49.4429, 41.1243,
19.7999


 49.4429, 41.1243,
19.7999


374.9714,
350.8399, 263.3981


 35.1869, 28.4162,
12.0670


 88.5457, 76.8725,
43.9360


 23.9741, 18.6397,
6.6663


 114.1232,
100.6815, 61.1763

 15.4390, 11.4102,
3.1790


 144.2053,
128.9596, 82.4229

 9.2164, 6.3434,
1.1867

 179.1572,
162.0911, 108.0942

 4.9408, 3.0550,
0.0000

219.3445,
200.4605, 138.6089

 2.2470, 1.1605,
0.0000

265.1324,

 0.7673, 0.0291,

244.4521, 174.3854

0.0000

316.8862,
294.4505, 215.8423

■ 0.0000, 0.0000,
0.0000

■ 49.4429, 41.1243,
19.7999

■ 49.4429, 41.1243,
19.7999

■ 45.8717, 35.7749,
13.0822

■ 53.7464, 47.3740,
28.5022

■ 42.9842, 31.2759,
8.1865

■ 58.8202, 54.5582,
39.3296

■ 40.7303, 27.5815,
4.9275

■ 64.7033, 62.7169,
52.4122

■ 39.0494, 24.6378,
3.0783

■ 71.4309, 71.8857,
67.8690

■ 38.3368, 23.3288,
2.4823

■ 79.0360, 82.0985,
85.8106

87.5499, 93.3874,
106.3407

89.7450, 97.2651,
108.6517

Harmonies

Analogous

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



54.6510, 41.1243, 32.1680



49.4429, 41.1243, 19.7999



41.8398, 41.1243, 14.8311

Triad

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



49.4429, 41.1243, 19.7999



26.3436, 41.1243, 37.5063



44.1908, 41.1243, 97.3592

Complementary

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



49.4429, 41.1243, 19.7999



42.6879, 50.8484, 90.0024

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.



36.4585, 41.1243, 100.2281



49.4429, 41.1243, 19.7999



26.8005, 41.1243, 60.3141

Square

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



49.4429, 41.1243, 19.7999



28.9472, 41.1243, 22.6073



30.2893, 41.1243, 84.9925



51.3558, 41.1243, 78.0979

Rectangle

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



49.4429, 41.1243, 19.7999



36.7219, 41.1243, 14.7647



30.2893, 41.1243, 84.9925



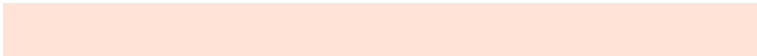
41.5523, 41.1243, 100.4662

Sweetspot

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



49.4439, 41.1264, 19.8007



80.7793, 80.8776, 75.1057



51.9111, 33.6657, 58.8356



16.9379, 16.8330, 15.2608



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.



49.4439, 41.1264, 19.8007



52.4125, 40.7032, 14.6004



62.6913, 67.6212, 24.2165



16.1664, 16.5460, 16.4914



21.0890, 12.9761, 1.3931



1.8390, 1.2487, 0.1441

Inverse Universe

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



42.6879, 50.8484, 90.0024



43.8776, 52.7237, 102.4718



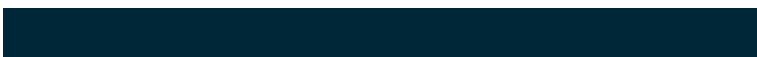
30.7270, 26.9267, 86.0154



15.8163, 17.0667, 20.1822



16.2679, 18.7601, 47.8915



1.4407, 1.7354, 4.0133

Previews

White Background



This preview shows how the XYZ color 49.4429, 41.1243, 19.7999 looks on a white background.

Color Contrast Check

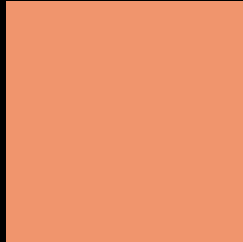
Large Text (above 18pt) WCAG AA × Fail

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 49.4429, 41.1243, 19.7999 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 49.4429, 41.1243, 19.7999

Background



This preview shows how black text looks on a background with the XYZ color 49.4429, 41.1243, 19.7999.



This preview shows how white text looks on a background with the XYZ color 49.4429, 41.1243,

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

49.4429, 41.1243, 19.7999

Protanopia

38.2722, 41.2522, 23.0848

Deuteranopia

41.8894, 41.0014, 19.3419



Tritanopia

52.6173, 41.0327, 35.7187

Trichromacy



Original Color

49.4429, 41.1243, 19.7999

Protanomaly

41.8236, 40.9105, 21.9118

Deuteranomaly

44.5672, 41.0735, 19.4889

Tritanomaly

51.3308, 40.9630, 29.2460

Monochromacy



Original Color

49.4429, 41.1243, 19.7999

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

41.7262, 40.5912, 34.0694

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.4429, 41.1243, 19.7999 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, 149, 109)` looks like.

```
.text, #text, p{  
    color:rgb(240, 149, 109)  
}
```

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, 149, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 149, 109) }
```

Border

The CSS property to change the border of an element to XYZ 49.4429, 41.1243, 19.7999 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, 149, 109) }
```


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

```
.border{ border-color:rgb(240, 149, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 149, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 149, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 149, 109);  
box-shadow:4px 4px 4px 4px rgb(240, 149,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 49.4429, 41.1243, 19.7999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 149, 109) }
```

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

```
.background{ background-color: rgb(240,  
149, 109) }
```

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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