

Converting Colors

XYZ(54.2616, 42.8500, 19.9996)

Have a look what the booklet for
XYZ(54.2616, 42.8500, 19.9996)
contains.

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Color

**XYZ(54.2792, 42.9219,
19.8919)**

Conversions

Conversions Part 1

Format	Color
Hex	FF926D
RGB	255, 146, 109
RGB Percent	100%, 57%, 43%
CMY	0.0000, 0.4274, 0.5725
CMYK	0.00, 0.43, 0.57, 0.00
HSL	15°, 100%, 71%
HSV	15°, 57%, 100%
XYZ	54.2792, 42.9219, 19.8919
YIQ	174.3730, 76.8410, 11.6010

Conversions

Conversions Part 2

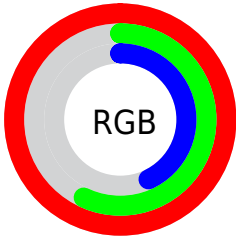
Format	Color
R _Y B	255, 159, 109
Decimal	16749165
CIE Lab	71.50, 37.66, 37.38
CIE LCh	72, 53.066, 44.783
Yxy	42.9219, 0.4636, 0.3666
Android (android.graphics.Color)	4294939245 (0xFFFF926D)
YUV	174.3730, -32.2289, 70.7099
Hunter-Lab	65.5148, 33.2368, 27.8585

Details

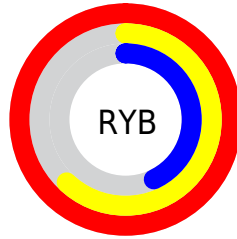
The XYZ color **54.2792, 42.9219, 19.8919** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **49.4264, 60.6106, 103.7013**, and the grayscale version is **40.5581, 42.6703, 46.4680**.

A 20% lighter version of the original color is **68.5597, 65.6065, 42.7680**, and **27.0664, 19.8010, 6.6704** is the 20% darker color. If you saturate the color by 10%, you get **50.4062, 37.0635, 12.7827**, and if you desaturate by 10%, it is **59.0410, 49.9213, 29.2620**.

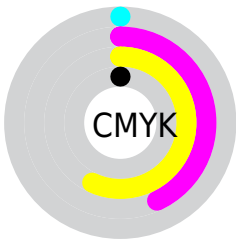
Distribution



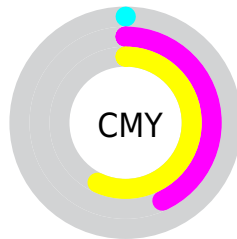
- Red (100%)
- Green (57%)
- Blue (43%)



- Red (100%)
- Yellow (62%)
- Blue (43%)



- Cyan (0%)
- Magenta (43%)
- Yellow (57%)
- Black (0%)





- Cyan (0%)
- Magenta (43%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.2792, 42.9219, 19.8919 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 54.2792, 42.9219, 19.8919 by changing the saturation by 10% instead.


 54.2792, 42.9219,
19.8919

 54.2792, 42.9219,
19.8919


393.3548,
358.2905, 263.9142


 39.0565, 29.8238,
12.1332


 95.6386, 79.5930,
44.0925


 26.9846, 19.7049,
6.7108


 122.5059,
103.9348, 61.3714

 17.6982, 12.1807,
3.2062


 153.9855,
132.7933, 82.6608

 10.8319, 6.8669,
1.2009

 190.4427,
166.5530, 108.3793

 6.0204, 3.3790,
0.0000

232.2429,
205.5981, 138.9453

 2.8982, 1.3326,
0.0000

279.7514,

 1.1002, 0.1663,

250.3132, 174.7774

0.0000

333.3336,
301.0825, 216.2942

■ 0.0253, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.2792, 42.9219,
19.8919

■ 54.2792, 42.9219,
19.8919

■ 50.4062, 37.0635,
12.7827

■ 59.0410, 49.9213,
29.2620

■ 47.3592, 32.2767,
7.7371

■ 64.7423, 58.1124,
41.0628

■ 45.0713, 28.4947,
4.5270

■ 71.4333, 67.5510,
55.4505

■ 43.4597, 25.6383,
2.8592

■ 79.1599, 78.2872,
72.5675

■ 43.1092, 24.9987,
2.5531

■ 87.9646, 90.3683,
92.5457

95.0498, 99.9999,
108.9000

Harmonies

Analogous

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



59.8133, 42.9219, 35.2465



54.2792, 42.9219, 19.8919



45.4845, 42.9219, 13.4720

Triad

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



54.2792, 42.9219, 19.8919



26.3338, 42.9219, 34.9491



45.3495, 42.9219, 112.4735

Complementary

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



54.2792, 42.9219, 19.8919



49.4264, 60.6106, 103.7013

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.



36.4412, 42.9219, 112.3004



54.2792, 42.9219, 19.8919



26.3086, 42.9219, 60.4817

Square

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



54.2792, 42.9219, 19.8919



29.8284, 42.9219, 19.7432



29.7538, 42.9219, 90.7928



54.1680, 42.9219, 91.2038

Rectangle

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



54.2792, 42.9219, 19.8919



39.3768, 42.9219, 12.8038



29.7538, 42.9219, 90.7928



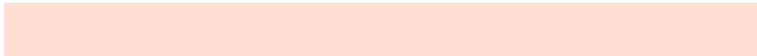
42.2489, 42.9219, 115.1172

Sweetspot

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



54.2802, 42.9241, 19.8927



79.3706, 78.5779, 73.0399



59.4290, 37.2856, 70.7378



16.6369, 16.3330, 14.8461



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.



54.2802, 42.9241, 19.8927



49.8167, 36.1525, 11.7592



69.2014, 72.7666, 24.8664



18.3835, 18.7351, 18.7917



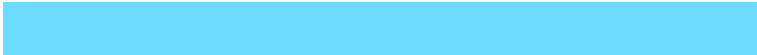
22.6253, 13.2619, 1.3673



2.2858, 1.4569, 0.1607

Inverse Universe

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



49.4264, 60.6106, 103.7013



44.4246, 55.1764, 102.9164



34.5589, 30.8755, 98.7454



18.1422, 19.6559, 23.0877



19.2201, 23.3497, 52.9285



1.9586, 2.4480, 5.1825

Previews

White Background



This preview shows how the XYZ color 54.2792, 42.9219, 19.8919 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 54.2792, 42.9219, 19.8919 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 54.2792, 42.9219, 19.8919

Background



This preview shows how black text looks on a background with the XYZ color 54.2792, 42.9219, 19.8919.



This preview shows how white text looks on a background with the XYZ color 54.2792, 42.9219,

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

54.2792, 42.9219, 19.8919

Protanopia

40.0164, 42.9876, 24.2775

Deuteranopia

43.9930, 43.1713, 19.3788



Tritanopia

56.5805, 42.8730, 34.9990

Trichromacy



Original Color

54.2792, 42.9219, 19.8919

Protanomaly

44.2179, 42.1314, 22.6313

Deuteranomaly

47.1672, 42.6762, 19.3870

Tritanomaly

55.5064, 42.6825, 28.6056

Monochromacy



Original Color

54.2792, 42.9219, 19.8919

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

43.4091, 41.4494, 34.5668

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.2792, 42.9219, 19.8919 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, 146, 109)` looks like.

```
.text, #text, p{  
    color:rgb(255, 146, 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(255, 146, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 146, 109) }
```

Border

The CSS property to change the border of an element to XYZ 54.2792, 42.9219, 19.8919 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, 146, 109) }
```


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

```
.border{ border-color:rgb(255, 146, 109) }
```

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

Here you see how a box with a 4 pixel rgb(255, 146, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 146, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 146, 109);  
box-shadow:4px 4px 4px 4px rgb(255, 146,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 54.2792, 42.9219, 19.8919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 146, 109) }
```

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

```
.background{ background-color: rgb(255,  
146, 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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