

Converting Colors

XYZ(54.2907, 42.4331, 21.4737)

Have a look what the booklet for
XYZ(54.2907, 42.4331, 21.4737)
contains.

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Color

**XYZ(54.3078, 42.4443,
21.5499)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9073
RGB	255, 144, 115
RGB Percent	100%, 56%, 45%
CMY	0.0000, 0.4353, 0.5490
CMYK	0.00, 0.44, 0.55, 0.00
HSL	12°, 100%, 73%
HSV	12°, 55%, 100%
XYZ	54.3078, 42.4443, 21.5499
YIQ	173.8830, 75.4650, 14.5130

Conversions

Conversions Part 2

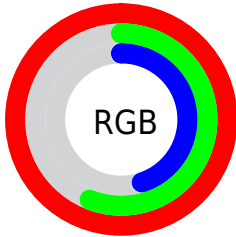
Format	Color
RYB	255, 152, 115
Decimal	16748659
CIELab	71.18, 39.14, 33.75
CIELCh	71, 51.683, 40.770
Yxy	42.4443, 0.4591, 0.3588
Android (android.graphics.Color)	4294938739 (0xFFFF9073)
YUV	173.8830, -29.0293, 71.1396
Hunter-Lab	65.1493, 34.7846, 25.9927

Details

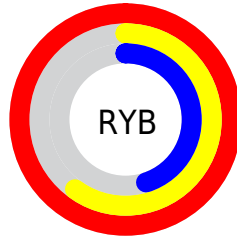
The XYZ color **54.3078, 42.4443, 21.5499** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **52.3150, 65.2542, 104.4455**, and the grayscale version is **40.2903, 42.3886, 46.1612**.

A 20% lighter version of the original color is **68.6385, 64.8969, 45.4679**, and **26.9726, 19.3449, 7.4666** is the 20% darker color. If you saturate the color by 10%, you get **50.2456, 36.3525, 13.9305**, and if you desaturate by 10%, it is **59.3261, 49.7994, 31.4906**.

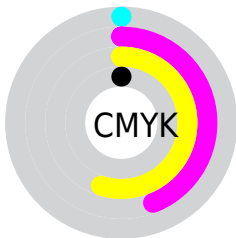
Distribution



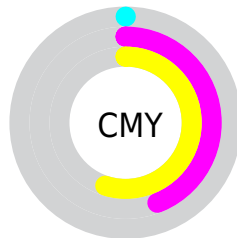
- Red (100%)
- Green (56%)
- Blue (45%)



- Red (100%)
- Yellow (60%)
- Blue (45%)



- Cyan (0%)
- Magenta (44%)
- Yellow (55%)
- Black (0%)





- Cyan (0%)
- Magenta (44%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.3078, 42.4443, 21.5499 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 54.3078, 42.4443, 21.5499 by changing the saturation by 10% instead.


 54.3078, 42.4443,
21.5499


 54.3078, 42.4443,
21.5499


393.4619,
356.3214, 273.0630

 39.0794, 29.4493,
13.3314

 95.6803, 78.8716,
46.8936


 27.0025, 19.4210,
7.5237

 122.5551,
103.0728, 64.8558

 17.7117, 11.9749,
3.7084


 154.0428,
131.7781, 86.9030

 10.8417, 6.7266,
1.4668

 190.5088,
165.3720, 113.4538

 6.0270, 3.2917,
0.1930

232.3183,
204.2389, 144.9266

 2.9023, 1.2859,
0.0000

279.8367,

 1.1023, 0.1302,

248.7632, 181.7401

0.0000

333.4295,
299.3292, 224.3127

■ 0.0270, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.3078, 42.4443,
21.5499

■ 54.3078, 42.4443,
21.5499

■ 50.2456, 36.3525,
13.9305

■ 59.3261, 49.7994,
31.4906

■ 47.0729, 31.4452,
8.4392

■ 65.3551, 58.4775,
43.9197

■ 44.7185, 27.6445,
4.8554

■ 72.4486, 68.5425,
58.9915

■ 43.0978, 24.8596,
2.9077

■ 80.6556, 80.0521,
76.8471

■ 42.5054, 23.7909,
2.3518

■ 90.0222, 93.0606,
97.6175

95.0499, 99.9999,
108.9000

Harmonies

Analogous

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



59.0044, 42.4443, 37.8662



54.3078, 42.4443, 21.5499



46.0769, 42.4443, 14.2339

Triad

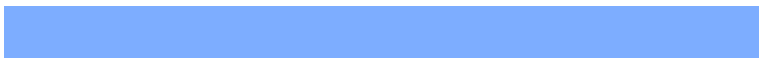
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



54.3078, 42.4443, 21.5499



26.5773, 42.4443, 32.2238



43.5333, 42.4443, 110.6509

Complementary

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



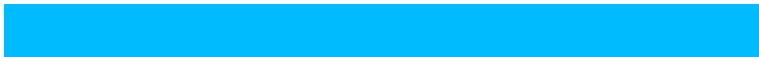
54.3078, 42.4443, 21.5499



52.3150, 65.2542, 104.4455

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.



35.1039, 42.4443, 107.4249



54.3078, 42.4443, 21.5499



26.0990, 42.4443, 55.7078

Square

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



54.3078, 42.4443, 21.5499



30.4187, 42.4443, 18.6956



29.0027, 42.4443, 84.8606



52.2181, 42.4443, 92.5386

Rectangle

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



54.3078, 42.4443, 21.5499



40.1188, 42.4443, 13.0567



29.0027, 42.4443, 84.8606



40.5661, 42.4443, 112.1529

Sweetspot

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



54.3088, 42.4465, 21.5507



79.6983, 78.7155, 74.7454



61.2359, 39.0678, 76.9864



16.6827, 16.3226, 15.1758



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.



54.3088, 42.4465, 21.5507



49.8549, 35.7568, 13.2268



68.1288, 70.0864, 26.1573



18.3142, 18.5966, 18.7686



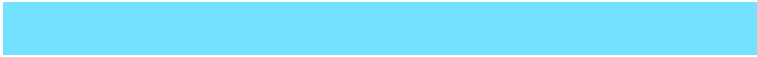
22.2950, 12.6012, 1.2572



2.2447, 1.3748, 0.1471

Inverse Universe

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



52.3150, 65.2542, 104.4455



47.5799, 60.4867, 103.7751



37.1775, 34.9791, 99.3996



18.2165, 19.8047, 23.1125



20.5990, 26.1077, 53.3882



2.0822, 2.6951, 5.2237

Previews

White Background



This preview shows how the XYZ color 54.3078, 42.4443, 21.5499 looks on a white background.

Color Contrast Check

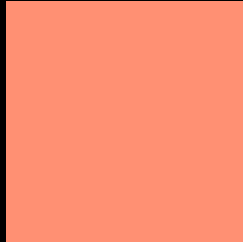
Large Text (above 18pt) WCAG AA × Fail

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 54.3078, 42.4443, 21.5499 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 54.3078, 42.4443, 21.5499

Background



This preview shows how black text looks on a background with the XYZ color 54.3078, 42.4443, 21.5499.



This preview shows how white text looks on a background with the XYZ color 54.3078, 42.4443,

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

54.3078, 42.4443, 21.5499

Protanopia

39.9653, 42.9098, 26.5981

Deuteranopia

43.5519, 42.6340, 20.9727



Tritanopia

56.2699, 42.5118, 34.0940

Trichromacy



Original Color

54.3078, 42.4443, 21.5499

Protanomaly

44.0020, 41.9780, 24.5223

Deuteranomaly

47.0013, 42.2970, 21.0161

Tritanomaly

55.4284, 42.4121, 28.9319

Monochromacy



Original Color

54.3078, 42.4443, 21.5499

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

43.4756, 41.1908, 35.7962

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3078, 42.4443, 21.5499 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, 144, 115)` looks like.

```
.text, #text, p{  
    color:rgb(255, 144, 115)  
}
```

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, 144, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 144, 115) }
```

Border

The CSS property to change the border of an element to XYZ 54.3078, 42.4443, 21.5499 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, 144, 115) }
```


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

```
.border{ border-color:rgb(255, 144, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 144, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 144, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 144, 115);  
box-shadow:4px 4px 4px 4px rgb(255, 144,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3078, 42.4443, 21.5499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 144, 115) }
```

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

```
.background{ background-color: rgb(255,  
144, 115) }
```

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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