

Converting Colors

XYZ(65.2039, 47.7705, 22.4158)

Have a look what the booklet for
XYZ(65.2039, 47.7705, 22.4158)
contains.

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Color

**XYZ(54.2148, 42.1659,
21.8044)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8F74
RGB	255, 143, 116
RGB Percent	100%, 56%, 45%
CMY	0.0000, 0.4392, 0.5451
CMYK	0.00, 0.44, 0.55, 0.00
HSL	12°, 100%, 73%
HSV	12°, 55%, 100%
XYZ	54.2148, 42.1659, 21.8044
YIQ	173.4100, 75.4190, 15.3470

Conversions

Conversions Part 2

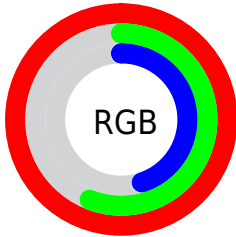
Format	Color
R _Y B	255, 150, 116
Decimal	16748404
CIE Lab	70.99, 39.73, 32.96
CIE LCh	71, 51.623, 39.684
Yxy	42.1659, 0.4587, 0.3568
Android (android.graphics.Color)	4294938484 (0xFFFF8F74)
YUV	173.4100, -28.3031, 71.5544
Hunter-Lab	64.9353, 35.3938, 25.5459

Details

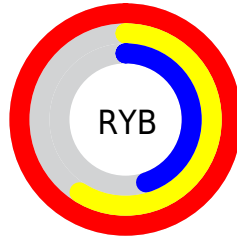
The XYZ color **54.2148, 42.1659, 21.8044** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **52.9940, 66.4160, 104.6336**, and the grayscale version is **40.0441, 42.1296, 45.8791**.

A 20% lighter version of the original color is **68.5020, 64.4753, 45.8803**, and **26.9174, 19.1869, 7.5949** is the 20% darker color. If you saturate the color by 10%, you get **50.1231, 36.0395, 14.0997**, and if you desaturate by 10%, it is **59.2805, 49.5892, 31.8425**.

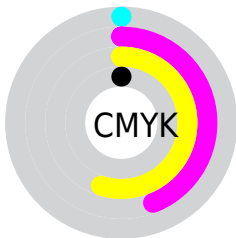
Distribution



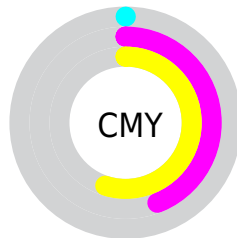
- Red (100%)
- Green (56%)
- Blue (45%)



- Red (100%)
- Yellow (59%)
- 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 54.2148, 42.1659, 21.8044 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 54.2148, 42.1659, 21.8044 by changing the saturation by 10% instead.

54.2148, 42.1659,
21.8044

54.2148, 42.1659,
21.8044

393.1136,
355.1702, 274.4432

39.0048, 29.2312,
13.5163

95.5446, 78.4506,
47.3205

26.9442, 19.2558,
7.6501

122.3951,
102.5695, 65.3857

17.6677, 11.8553,
3.7874

153.8564,
131.1852, 87.5469

10.8099, 6.6452,
1.5094

190.2940,
164.6821, 114.2227

6.0055, 3.2412,
0.2249

232.0732,
203.4447, 145.8317

2.8891, 1.2589,
0.0000

279.5592,

1.0954, 0.1091,

247.8573, 182.7925

0.0000

333.1176,
298.3043, 225.5234

■ 0.0213, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.2148, 42.1659,
21.8044

■ 54.2148, 42.1659,
21.8044

■ 50.1231, 36.0395,
14.0997

■ 59.2805, 49.5892,
31.8425

■ 46.9371, 31.1279,
8.5357


■ 65.3759, 58.3719,
44.3810


■ 44.5844, 27.3499,
4.8925

■ 72.5561, 68.5805,
59.5740

■ 42.9785, 24.6105,
2.9006

■ 80.8713, 80.2749,
77.5626

 42.3610, 23.5023,
2.3037

 90.3684, 93.5117,
98.4779

95.0497, 99.9999,
108.9000

Harmonies

Analogous

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



58.7107, 42.1659, 38.3895



54.2148, 42.1659, 21.8044



46.1042, 42.1659, 14.2585

Triad

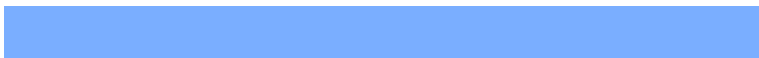
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



54.2148, 42.1659, 21.8044



26.4713, 42.1659, 31.3396



42.9270, 42.1659, 110.2969

Complementary

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



54.2148, 42.1659, 21.8044



52.9940, 66.4160, 104.6336

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.



34.6002, 42.1659, 106.2683



54.2148, 42.1659, 21.8044



25.8737, 42.1659, 54.3570

Square

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



54.2148, 42.1659, 21.8044



30.4089, 42.1659, 18.2373



28.6399, 42.1659, 83.3267



51.6047, 42.1659, 92.9158

Rectangle

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



54.2148, 42.1659, 21.8044



40.1689, 42.1659, 12.9485



28.6399, 42.1659, 83.3267



39.9861, 42.1659, 111.5117

Sweetspot

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



54.2158, 42.1681, 21.8052



79.5582, 78.4354, 74.6987



61.7004, 39.4370, 78.8674



16.6497, 16.2566, 15.1648



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.



54.2158, 42.1681, 21.8052



49.9464, 35.7709, 13.7783



67.6823, 69.1011, 26.2940



18.2950, 18.5582, 18.7622



22.2153, 12.4418, 1.2306



2.2343, 1.3540, 0.1436

Inverse Universe

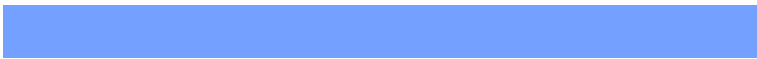
The Inverse Universe completely reimagines the original color for something new.



52.9940, 66.4160, 104.6336



48.5270, 62.0226, 104.0217



37.8263, 36.0807, 99.5778



18.2373, 19.8463, 23.1195



21.0022, 26.9140, 53.5226



2.1181, 2.7669, 5.2357

Previews

White Background



This preview shows how the XYZ color 54.2148, 42.1659, 21.8044 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 54.2148, 42.1659, 21.8044 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 54.2148, 42.1659, 21.8044

Background



This preview shows how black text looks on a background with the XYZ color 54.2148, 42.1659, 21.8044.



This preview shows how white text looks on a background with the XYZ color 54.2148, 42.1659,

21.8044.

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

54.2148, 42.1659, 21.8044

Protanopia

39.5920, 42.4219, 26.8704

Deuteranopia

43.1392, 42.1439, 21.1901



Tritanopia

56.0429, 42.1861, 33.6227

Trichromacy



Original Color

54.2148, 42.1659, 21.8044

Protanomaly

43.8867, 41.6467, 24.7943

Deuteranomaly

46.5715, 41.8147, 21.2392

Tritanomaly

55.2802, 42.1159, 28.8825

Monochromacy



Original Color

54.2148, 42.1659, 21.8044

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

43.2164, 40.8042, 35.3040

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.2148, 42.1659, 21.8044 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, 143, 116)` looks like.

```
.text, #text, p{  
    color:rgb(255, 143, 116)  
}
```

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, 143, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 143, 116) }
```

Border

The CSS property to change the border of an element to XYZ 54.2148, 42.1659, 21.8044 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, 143, 116) }
```


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

```
.border{ border-color:rgb(255, 143, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 143, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 143, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 143, 116);  
box-shadow:4px 4px 4px 4px rgb(255, 143,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 54.2148, 42.1659, 21.8044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 143, 116) }
```

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

```
.background{ background-color: rgb(255,  
143, 116) }
```

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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