

Converting Colors

XYZ(54.1164, 42.0846, 21.4152)

Have a look what the booklet for
XYZ(54.1164, 42.0846, 21.4152)
contains.

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Color

**XYZ(54.1570, 42.1427,
21.4996)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8F73
RGB	255, 143, 115
RGB Percent	100%, 56%, 45%
CMY	0.0000, 0.4392, 0.5490
CMYK	0.00, 0.44, 0.55, 0.00
HSL	12°, 100%, 73%
HSV	12°, 55%, 100%
XYZ	54.1570, 42.1427, 21.4996
YIQ	173.2960, 75.7400, 15.0360

Conversions

Conversions Part 2

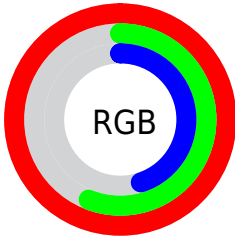
Format	Color
R _Y B	255, 150, 115
Decimal	16748403
CIE Lab	70.97, 39.65, 33.48
CIE LCh	71, 51.897, 40.181
Yxy	42.1427, 0.4597, 0.3578
Android (android.graphics.Color)	4294938483 (0xFFFF8F73)
YUV	173.2960, -28.7399, 71.6544
Hunter-Lab	64.9174, 35.3072, 25.8063

Details

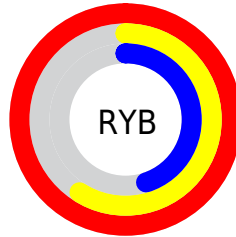
The XYZ color **54.1570, 42.1427, 21.4996** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **52.5877, 65.7996, 104.5364**, and the grayscale version is **39.9878, 42.0702, 45.8145**.

A 20% lighter version of the original color is **68.4091, 64.4382, 45.3915**, and **26.8877, 19.1750, 7.4383** is the 20% darker color. If you saturate the color by 10%, you get **50.0987, 36.0586, 13.8815**, and if you desaturate by 10%, it is **59.1800, 49.5070, 31.4419**.

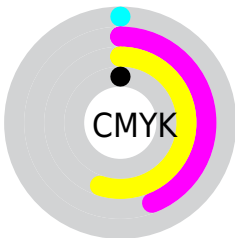
Distribution



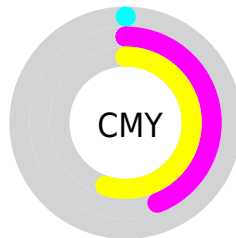
- Red (100%)
- Green (56%)
- Blue (45%)



- 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 54.1570, 42.1427, 21.4996 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 54.1570, 42.1427, 21.4996 by changing the saturation by 10% instead.


 54.1570, 42.1427,
21.4996


 54.1570, 42.1427,
21.4996


392.8970,
355.0741, 272.7895

 38.9584, 29.2130,
13.2949


 95.4603, 78.4156,
46.8091


 26.9079, 19.2420,
7.4988

 122.2956,
102.5275, 64.7509

 17.6403, 11.8453,
3.6928


 153.7406,
131.1358, 86.7756

 10.7902, 6.6384,
1.4584

 190.1605,
164.6246, 113.3015

 5.9922, 3.2370,
0.1866

231.9207,
203.3785, 144.7474

 2.8809, 1.2567,
0.0000

279.3867,

 1.0911, 0.1073,

247.7817, 181.5316

0.0000

332.9236,
298.2188, 224.0728

■ 0.0177, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.1570, 42.1427,
21.4996

■ 54.1570, 42.1427,
21.4996

■ 50.0987, 36.0586,
13.8815

■ 59.1800, 49.5070,
31.4419

■ 46.9373, 31.1741,
8.3940

■ 65.2229, 58.2131,
43.8756

■ 44.6009, 27.4092,
4.8162

■ 72.3404, 68.3263,
58.9554

■ 43.0034, 24.6706,
2.8762

■ 80.5823, 79.9055,
76.8226

■ 42.4242, 23.6286,
2.3248

■ 89.9951, 93.0066,
97.6083

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.



58.7617, 42.1427, 37.9693



54.1570, 42.1427, 21.4996



45.9646, 42.1427, 14.0745

Triad

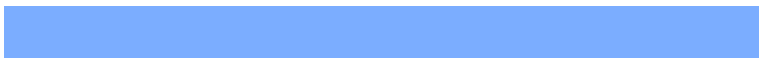
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



54.1570, 42.1427, 21.4996



26.3547, 42.1427, 31.5542



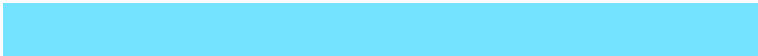
43.0685, 42.1427, 110.5681

Complementary

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



54.1570, 42.1427, 21.4996



52.5877, 65.7996, 104.5364

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.



34.6757, 42.1427, 106.8861



54.1570, 42.1427, 21.4996



25.8113, 42.1427, 54.8336

Square

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



54.1570, 42.1427, 21.4996



30.2520, 42.1427, 18.2627



28.6424, 42.1427, 84.0019



51.7763, 42.1427, 92.7599

Rectangle

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



54.1570, 42.1427, 21.4996



40.0028, 42.1427, 12.8297



28.6424, 42.1427, 84.0019



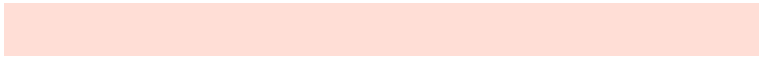
40.1080, 42.1427, 111.9216

Sweetspot

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



54.1580, 42.1449, 21.5004



79.6207, 78.5602, 74.7195



61.2359, 39.0677, 76.9864



16.6644, 16.2860, 15.1697



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.



54.1580, 42.1449, 21.5004



49.7088, 35.4648, 13.1781



68.1288, 70.0864, 26.1573



18.3036, 18.5753, 18.7650



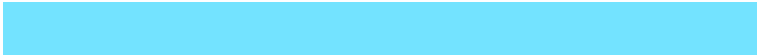
22.2502, 12.5116, 1.2423



2.2389, 1.3632, 0.1451

Inverse Universe

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



52.5877, 65.7996, 104.5364



47.8968, 61.1204, 103.8807



37.1774, 34.9791, 99.3997



18.2281, 19.8277, 23.1164



20.8213, 26.5522, 53.4623



2.1020, 2.7347, 5.2303

Previews

White Background



This preview shows how the XYZ color 54.1570, 42.1427, 21.4996 looks on a white background.

Color Contrast Check

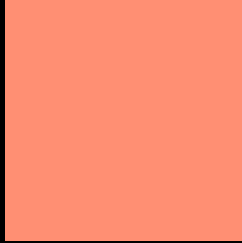
Large Text (above 18pt) WCAG AA × Fail

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 54.1570, 42.1427, 21.4996 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 54.1570, 42.1427, 21.4996

Background



This preview shows how black text looks on a background with the XYZ color 54.1570, 42.1427, 21.4996.



This preview shows how white text looks on a background with the XYZ color 54.1570, 42.1427,

21.4996.

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

54.1570, 42.1427, 21.4996

Protanopia

39.5259, 42.3954, 26.5220

Deuteranopia

43.0838, 42.1218, 20.8985



Tritanopia

56.0429, 42.1861, 33.6227

Trichromacy



Original Color

54.1570, 42.1427, 21.4996

Protanomaly

43.8237, 41.6215, 24.4629

Deuteranomaly

46.5155, 41.7923, 20.9443

Tritanomaly

55.2802, 42.1159, 28.8825

Monochromacy



Original Color

54.1570, 42.1427, 21.4996

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 54.1570, 42.1427, 21.4996 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, 115)` looks like.

```
.text, #text, p{  
    color:rgb(255, 143, 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, 143, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 143, 115) }
```

Border

The CSS property to change the border of an element to XYZ 54.1570, 42.1427, 21.4996 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, 115) }
```


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

```
.border{ border-color:rgb(255, 143, 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, 143, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 143, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 143, 115);  
box-shadow:4px 4px 4px 4px rgb(255, 143,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 54.1570, 42.1427, 21.4996 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, 115) }
```

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

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