

Converting Colors

XYZ(105.3724, 70.0064,
23.5249)

Have a look what the booklet for
XYZ(105.3724, 70.0064, 23.5249)
contains.

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Color

**XYZ(54.9681, 43.9471,
21.2083)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9571
RGB	255, 149, 113
RGB Percent	100%, 58%, 44%
CMY	0.0000, 0.4157, 0.5569
CMYK	0.00, 0.42, 0.56, 0.00
HSL	15°, 100%, 72%
HSV	15°, 56%, 100%
XYZ	54.9681, 43.9471, 21.2083
YIQ	176.5900, 74.7320, 11.2760

Conversions

Conversions Part 2

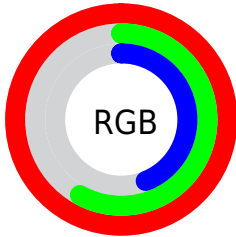
Format	Color
R_{YB}	255, 161, 113
Decimal	16749937
CIE _{Lab}	72.19, 36.43, 36.12
CIE _{LCh}	72, 51.305, 44.755
Yxy	43.9471, 0.4576, 0.3658
Android (android.graphics.Color)	4294940017 (0xFFFF9571)
YUV	176.5900, -31.3499, 68.7656
Hunter-Lab	66.2926, 31.9955, 27.4368

Details

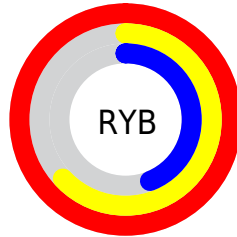
The XYZ color **54.9681, 43.9471, 21.2083** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **50.1902, 61.3907, 103.8117**, and the grayscale version is **41.7077, 43.8797, 47.7850**.

A 20% lighter version of the original color is **69.6244, 67.1623, 44.8913**, and **27.4482, 20.3889, 7.3393** is the 20% darker color. If you saturate the color by 10%, you get **50.9598, 37.9144, 13.7570**, and if you desaturate by 10%, it is **59.8740, 51.1299, 30.9489**.

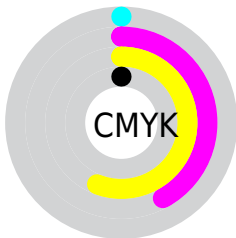
Distribution



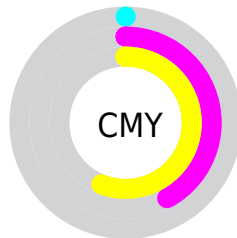
- Red (100%)
- Green (58%)
- Blue (44%)



- Red (100%)
- Yellow (63%)
- Blue (44%)



- Cyan (0%)
- Magenta (42%)
- Yellow (56%)
- Black (0%)





- Cyan (0%)
- Magenta (42%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.9681, 43.9471, 21.2083 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 54.9681, 43.9471, 21.2083 by changing the saturation by 10% instead.


 54.9681, 43.9471,
21.2083

 54.9681, 43.9471,
21.2083


395.9294,
362.4924, 271.2007

 39.6099, 30.6289,
13.0836

 96.6428, 81.1381,
46.3192


 27.4174, 20.3164,
7.3548


 123.6901,
105.7798, 64.1426

 18.0252, 12.6253,
3.6031


 155.3644,
134.9647, 86.0359

 11.0678, 7.1710,
1.4103

 192.0311,
169.0773, 112.4177

 6.1801, 3.5693,
0.1497

234.0556,
208.5020, 143.7065

 2.9966, 1.4357,
0.0000

281.8033,

 1.1520, 0.2428,

253.6231, 180.3210

0.0000

335.6394,
304.8251, 222.6795

■ 0.0679, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.9681, 43.9471,
21.2083

■ 54.9681, 43.9471,
21.2083

■ 50.9598, 37.9144,
13.7570

■ 59.8740, 51.1299,
30.9489

■ 47.7872, 32.9633,
8.4015

■ 65.7271, 59.5129,
43.1456

■ 45.3849, 29.0282,
4.9205

■ 72.5774, 69.1512,
57.9522

■ 43.6743, 26.0322,
3.0395

■ 80.4698, 80.0943,
75.5094

■ 43.1106, 25.0015,
2.5536

■ 89.4468, 92.3893,
95.9477

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.



60.3524, 43.9471, 36.5447



54.9681, 43.9471, 21.2083



46.3772, 43.9471, 14.6815

Triad

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



54.9681, 43.9471, 21.2083



27.4857, 43.9471, 36.2114



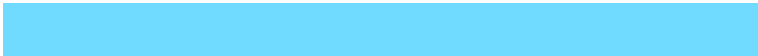
46.2275, 43.9471, 111.6342

Complementary

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



54.9681, 43.9471, 21.2083



50.1902, 61.3907, 103.8117

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.



37.4793, 43.9471, 111.4457



54.9681, 43.9471, 21.2083



27.4574, 43.9471, 61.2773

Square

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



54.9681, 43.9471, 21.2083



30.9585, 43.9471, 21.0385



30.8748, 43.9471, 90.6964



54.8454, 43.9471, 91.1458

Rectangle

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



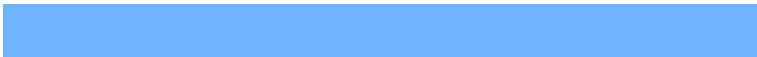
54.9681, 43.9471, 21.2083



40.3841, 43.9471, 13.9930



30.8748, 43.9471, 90.6964



43.1881, 43.9471, 114.1695

Sweetspot

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



54.9692, 43.9494, 21.2091



79.3717, 78.5801, 73.0403



59.9973, 38.2114, 71.5769



16.6372, 16.3335, 14.8462



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.



54.9692, 43.9494, 21.2091



50.4965, 37.2032, 12.9378



69.6828, 73.3766, 26.1137



18.3836, 18.7354, 18.7917



22.6261, 13.2634, 1.3676



2.2859, 1.4571, 0.1608

Inverse Universe

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



50.1902, 61.3907, 103.8117



45.1828, 56.0382, 103.0428



35.5289, 32.0681, 98.9246



18.1420, 19.6556, 23.0877



19.2174, 23.3443, 52.9276



1.9584, 2.4475, 5.1825

Previews

White Background



This preview shows how the XYZ color 54.9681, 43.9471, 21.2083 looks on a white background.

Color Contrast Check

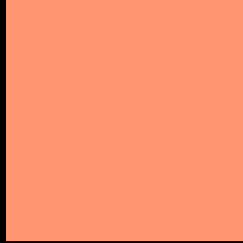
Large Text (above 18pt) WCAG AA × Fail

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 54.9681, 43.9471, 21.2083 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 54.9681, 43.9471, 21.2083

Background



This preview shows how black text looks on a background with the XYZ color 54.9681, 43.9471, 21.2083.



This preview shows how white text looks on a background with the XYZ color 54.9681, 43.9471,

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

54.9681, 43.9471, 21.2083

Protanopia

40.8461, 43.9759, 25.4042

Deuteranopia

44.9726, 43.9271, 20.5765



Tritanopia

57.2818, 43.8774, 36.4604

Trichromacy



Original Color

54.9681, 43.9471, 21.2083



Protanomaly

44.9404, 43.2896, 23.7564



Deuteranomaly

48.3679, 43.7894, 20.6548



Tritanomaly

56.2525, 43.7112, 30.2832

Monochromacy



Original Color

54.9681, 43.9471, 21.2083



Achromatopsia

41.7894, 43.9657, 47.8787



Achromatomaly

44.8283, 42.9497, 36.4993

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.9681, 43.9471, 21.2083 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, 149, 113)` looks like.

```
.text, #text, p{  
    color:rgb(255, 149, 113)  
}
```

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, 149, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 149, 113) }
```

Border

The CSS property to change the border of an element to XYZ 54.9681, 43.9471, 21.2083 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, 149, 113) }
```


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

```
.border{ border-color:rgb(255, 149, 113) }
```

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

Here you see how a box with a 4 pixel rgb(255, 149, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 149, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 149, 113);  
box-shadow:4px 4px 4px 4px rgb(255, 149,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9681, 43.9471, 21.2083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 149, 113) }
```

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

```
.background{ background-color: rgb(255,  
149, 113) }
```

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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