

Converting Colors

XYZ(54.8924, 43.0487, 23.4863)

Have a look what the booklet for
XYZ(54.8924, 43.0487, 23.4863)
contains.

XYZ(54.9701, 43.1982, 23.5300)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(54.9701, 43.1982,
23.5300)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9279
RGB	255, 146, 121
RGB Percent	100%, 57%, 47%
CMY	0.0000, 0.4274, 0.5255
CMYK	0.00, 0.43, 0.53, 0.00
HSL	11°, 100%, 74%
HSV	11°, 53%, 100%
XYZ	54.9701, 43.1982, 23.5300
YIQ	175.7410, 72.9890, 15.3330

Conversions

Conversions Part 2

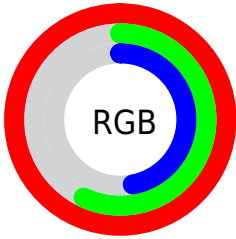
Format	Color
R_{YB}	255, 152, 121
Decimal	16749177
CIE _{Lab}	71.69, 38.61, 31.17
CIE _{LCh}	72, 49.621, 38.914
Yxy	43.1982, 0.4517, 0.3550
Android (android.graphics.Color)	4294939257 (0xFFFF9279)
YUV	175.7410, -26.9873, 69.5101
Hunter-Lab	65.7253, 34.2711, 24.7816

Details

The XYZ color **54.9701, 43.1982, 23.5300** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **54.2304, 67.8753, 104.8505**, and the grayscale version is **41.2425, 43.3903, 47.2520**.

A 20% lighter version of the original color is **69.7666, 66.0893, 49.1238**, and **27.3322, 19.7659, 8.5055** is the 20% darker color. If you saturate the color by 10%, you get **50.6956, 36.8299, 15.3833**, and if you desaturate by 10%, it is **60.2400, 50.8963, 34.0480**.

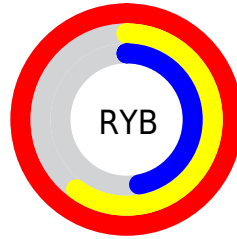
Distribution



Red (100%)

Green (57%)

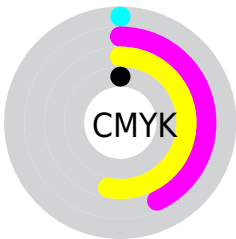
Blue (47%)



Red (100%)

Yellow (60%)

Blue (47%)

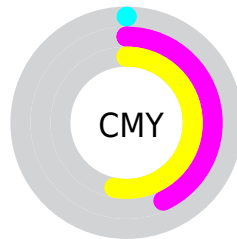


Cyan (0%)

Magenta (43%)

Yellow (53%)

Black (0%)



Cyan (0%)


Magenta (43%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.9701, 43.1982, 23.5300 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 54.9701, 43.1982, 23.5300 by changing the saturation by 10% instead.


 54.9701, 43.1982,
23.5300

 54.9701, 43.1982,
23.5300


395.9368,
359.4262, 283.6453


 39.6115, 30.0407,
14.7764


 96.6457, 80.0099,
50.1963

 27.4187, 19.8695,
8.5177


 123.6935,
104.4328, 68.9461

 18.0261, 12.3002,
4.3355


 155.3684,
133.3796, 91.8650

 11.0685, 6.9485,
1.8111

192.0357,
167.2347, 119.3715

 6.1806, 3.4299,
0.4353

234.0609,
206.3826, 151.8843

 2.9969, 1.3601,
0.0000

281.8092,

 1.1521, 0.1870,

251.2075, 189.8218

0.0000

335.6461,
302.0939, 233.6026

■ 0.0681, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.9701, 43.1982,
23.5300

■ 54.9701, 43.1982,
23.5300

■ 50.6956, 36.8299,
15.3833

■ 60.2400, 50.8963,
34.0480

■ 47.3487, 31.7087,
9.4194

■ 66.5608, 59.9874,
47.1009

■ 44.8575, 27.7526,
5.4251

■ 73.9878, 70.5388,
62.8407

■ 43.1373, 24.8666,
3.1423

■ 82.5711, 82.6112,
81.4065

■ 42.2800, 23.3402,
2.2767

■ 92.3578, 96.2620,
102.9278

95.0499, 100.0000,
108.9000

Harmonies

Analogous

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



59.1957, 43.1982, 40.2185



54.9701, 43.1982, 23.5300



47.1556, 43.1982, 15.7063

Triad

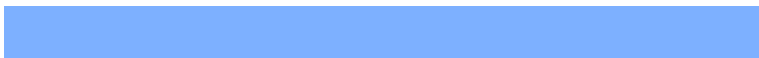
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



54.9701, 43.1982, 23.5300



27.7433, 43.1982, 32.2635



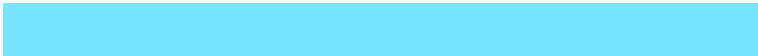
43.6155, 43.1982, 109.2266

Complementary

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



54.9701, 43.1982, 23.5300



54.2304, 67.8753, 104.8505

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.



35.5112, 43.1982, 104.8296



54.9701, 43.1982, 23.5300



27.0655, 43.1982, 54.5823

Square

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



54.9701, 43.1982, 23.5300



31.7156, 43.1982, 19.4195



29.7177, 43.1982, 82.5358



52.0769, 43.1982, 93.0565

Rectangle

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



54.9701, 43.1982, 23.5300



41.3660, 43.1982, 14.2642



29.7177, 43.1982, 82.5358



40.7527, 43.1982, 110.1957

Sweetspot

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



54.9712, 43.2004, 23.5308



79.4750, 78.2690, 74.6710



62.4213, 40.6726, 79.7430



16.6301, 16.2174, 15.1582



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.



54.9712, 43.2004, 23.5308



50.5251, 36.5724, 15.0684



68.3766, 70.0114, 27.9993



18.2836, 18.5353, 18.7584



22.1703, 12.3519, 1.2156



2.2284, 1.3421, 0.1416

Inverse Universe

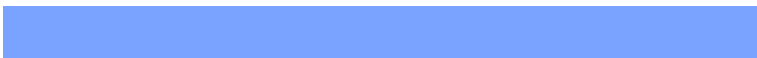
The Inverse Universe completely reimagines the original color for something new.



54.2304, 67.8753, 104.8505



49.6329, 63.4798, 104.2446



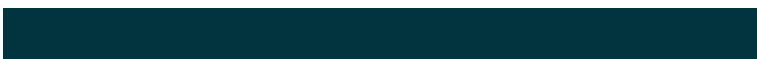
39.1097, 37.6339, 99.8103



18.2497, 19.8711, 23.1236



21.2463, 27.4022, 53.6039



2.1398, 2.8102, 5.2429

Previews

White Background



This preview shows how the XYZ color 54.9701, 43.1982, 23.5300 looks on a white background.

Color Contrast Check

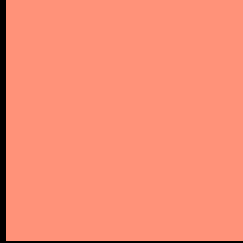
Large Text (above 18pt) WCAG AA × Fail

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 54.9701, 43.1982, 23.5300 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 54.9701, 43.1982, 23.5300

Background



This preview shows how black text looks on a background with the XYZ color 54.9701, 43.1982, 23.5300.



This preview shows how white text looks on a background with the XYZ color 54.9701, 43.1982,

23.5300.

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

54.9701, 43.1982, 23.5300

Protanopia

40.5674, 43.4633, 28.8054

Deuteranopia

44.0775, 43.1385, 22.8331



Tritanopia

56.8122, 43.2048, 35.4820

Trichromacy



Original Color

54.9701, 43.1982, 23.5300

Protanomaly

44.5690, 42.4923, 26.6217

Deuteranomaly

47.5194, 42.7805, 22.8925

Tritanomaly

56.0210, 43.1296, 30.5715

Monochromacy



Original Color

54.9701, 43.1982, 23.5300

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

44.6327, 42.2897, 37.2628

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.9701, 43.1982, 23.5300 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, 121)` looks like.

```
.text, #text, p{  
    color:rgb(255, 146, 121)  
}
```

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, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 146, 121) }
```

Border

The CSS property to change the border of an element to XYZ 54.9701, 43.1982, 23.5300 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, 121) }
```


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

```
.border{ border-color:rgb(255, 146, 121) }
```

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, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 146, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 146, 121);  
box-shadow:4px 4px 4px 4px rgb(255, 146,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9701, 43.1982, 23.5300 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, 121) }
```

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

```
.background{ background-color: rgb(255,  
146, 121) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor