

Converting Colors

XYZ(54.7434, 43.0470, 22.5232)

Have a look what the booklet for
XYZ(54.7434, 43.0470, 22.5232)
contains.

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Color

**XYZ(54.7889, 43.1258,
22.5760)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9276
RGB	255, 146, 118
RGB Percent	100%, 57%, 46%
CMY	0.0000, 0.4274, 0.5372
CMYK	0.00, 0.43, 0.54, 0.00
HSL	12°, 100%, 73%
HSV	12°, 54%, 100%
XYZ	54.7889, 43.1258, 22.5760
YIQ	175.3990, 73.9520, 14.4000

Conversions

Conversions Part 2

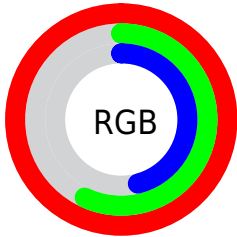
Format	Color
RYB	255, 153, 118
Decimal	16749174
CIELab	71.64, 38.36, 32.73
CIELCh	72, 50.427, 40.469
Yxy	43.1258, 0.4547, 0.3579
Android (android.graphics.Color)	4294939254 (0xFFFF9276)
YUV	175.3990, -28.2977, 69.8101
Hunter-Lab	65.6702, 34.0002, 25.5866

Details

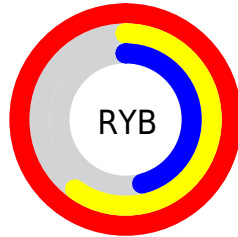
The XYZ color **54.7889, 43.1258, 22.5760** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **52.9886, 66.0062, 104.5550**, and the grayscale version is **41.0708, 43.2097, 47.0554**.

A 20% lighter version of the original color is **69.3823, 65.9356, 47.1002**, and **27.2367, 19.7277, 8.0025** is the 20% darker color. If you saturate the color by 10%, you get **50.6187, 36.8917, 14.6935**, and if you desaturate by 10%, it is **59.9256, 50.6380, 32.8019**.

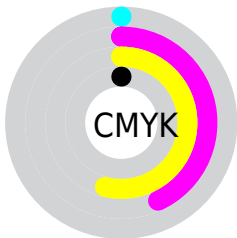
Distribution



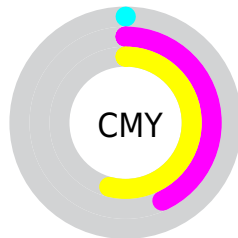
- Red (100%)
- Green (57%)
- Blue (46%)



- Red (100%)
- Yellow (60%)
- Blue (46%)



- Cyan (0%)
- Magenta (43%)
- Yellow (54%)
- Black (0%)





- Cyan (0%)
- Magenta (43%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.7889, 43.1258, 22.5760 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 54.7889, 43.1258, 22.5760 by changing the saturation by 10% instead.


 54.7889, 43.1258,
22.5760


 54.7889, 43.1258,
22.5760


395.2607,
359.1289, 278.5907

 39.4659, 29.9838,
14.0784

 96.3817, 79.9007,
48.6105

 27.3047, 19.8263,
8.0358


 123.3823,
104.3023, 66.9845

 17.9400, 12.2689,
4.0298


 155.0060,
133.2261, 89.4877

 11.0063, 6.9271,
1.6417

191.6184,
167.0562, 116.5386

 6.1384, 3.4165,
0.3203

233.5846,
206.1771, 148.5559

 2.9709, 1.3529,
0.0000

281.2702,

 1.1384, 0.1816,

250.9733, 185.9579

0.0000

335.0404,
301.8291, 229.1634

■ 0.0569, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.7889, 43.1258,
22.5760

■ 54.7889, 43.1258,
22.5760

■ 50.6187, 36.8917,
14.6935

■ 59.9256, 50.6380,
32.8019

■ 47.3488, 31.8568,
8.9639

■ 66.0831, 59.4879,
45.5362

■ 44.9089, 27.9436,
5.1707

■ 73.3149, 69.7396,
60.9316

■ 43.2156, 25.0618,
3.0500

■ 81.6700, 81.4507,
79.1281

■ 42.4736, 23.7274,
2.3412

■ 91.1943, 94.6759,
100.2557

95.0498, 99.9999,
108.9000

Harmonies

Analogous

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



59.3434, 43.1258, 38.9219



54.7889, 43.1258, 22.5760



46.7262, 43.1258, 15.1243

Triad

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



54.7889, 43.1258, 22.5760



27.3838, 43.1258, 32.9281



44.0454, 43.1258, 110.0167

Complementary

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



54.7889, 43.1258, 22.5760



52.9886, 66.0062, 104.5550

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.



35.7432, 43.1258, 106.6602



54.7889, 43.1258, 22.5760



26.8740, 43.1258, 56.0274

Square

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



54.7889, 43.1258, 22.5760



31.2321, 43.1258, 19.5037



29.7271, 43.1258, 84.5554



52.5936, 43.1258, 92.5698

Rectangle

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



54.7889, 43.1258, 22.5760



40.8555, 43.1258, 13.8892



29.7271, 43.1258, 84.5554



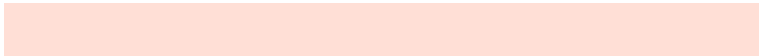
41.1243, 43.1258, 111.4002

Sweetspot

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



54.7900, 43.1280, 22.5768



79.6683, 78.6555, 74.7354



61.6665, 39.7964, 77.5392



16.6756, 16.3084, 15.1734



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.



54.7900, 43.1280, 22.5768



50.5172, 36.7376, 14.5080



68.5312, 70.6105, 27.1572



18.3101, 18.5884, 18.7672



22.2775, 12.5662, 1.2514



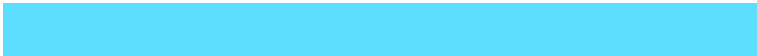
2.2425, 1.3703, 0.1463

Inverse Universe

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



52.9886, 66.0062, 104.5550



48.4688, 61.5353, 103.9307



37.9368, 35.9026, 99.5377



18.2210, 19.8136, 23.1140



20.6847, 26.2789, 53.4167



2.0898, 2.7104, 5.2263

Previews

White Background



This preview shows how the XYZ color 54.7889, 43.1258, 22.5760 looks on a white background.

Color Contrast Check

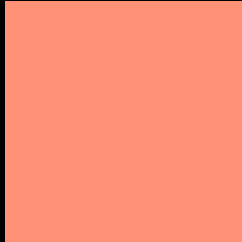
Large Text (above 18pt) WCAG AA × Fail

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 54.7889, 43.1258, 22.5760 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 54.7889, 43.1258, 22.5760

Background



This preview shows how black text looks on a background with the XYZ color 54.7889, 43.1258, 22.5760.



This preview shows how white text looks on a background with the XYZ color 54.7889, 43.1258,

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

54.7889, 43.1258, 22.5760

Protanopia

40.6083, 43.5082, 27.7304

Deuteranopia

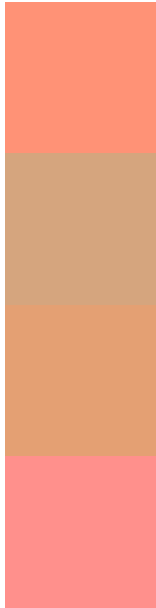
44.1913, 43.2172, 21.9322



Tritanopia

56.8122, 43.2048, 35.4820

Trichromacy



Original Color

54.7889, 43.1258, 22.5760

Protanomaly

44.6616, 42.5628, 25.6002

Deuteranomaly

47.6602, 42.8734, 21.9831

Tritanomaly

55.9469, 43.1000, 30.1813

Monochromacy



Original Color

54.7889, 43.1258, 22.5760

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

44.0100, 41.7214, 36.3053

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.7889, 43.1258, 22.5760 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, 118)` looks like.

```
.text, #text, p{  
    color:rgb(255, 146, 118)  
}
```

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, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 146, 118) }
```

Border

The CSS property to change the border of an element to XYZ 54.7889, 43.1258, 22.5760 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, 118) }
```


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

```
.border{ border-color:rgb(255, 146, 118) }
```

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, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 146, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 146, 118);  
box-shadow:4px 4px 4px 4px rgb(255, 146,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 54.7889, 43.1258, 22.5760 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, 118) }
```

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

```
.background{ background-color: rgb(255,  
146, 118) }
```

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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