

Converting Colors

XYZ(54.8213, 45.8154, 21.5766)

Have a look what the booklet for
XYZ(54.8213, 45.8154, 21.5766)
contains.

XYZ(54.8213, 45.8154, 21.5766)	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(54.8213, 45.8154,
21.5766)**

Conversions

Conversions Part 1

Format	Color
Hex	FB9D71
RGB	251, 157, 113
RGB Percent	98%, 62%, 44%
CMY	0.0157, 0.3843, 0.5569
CMYK	0.00, 0.37, 0.55, 0.02
HSL	19°, 95%, 71%
HSV	19°, 55%, 98%
XYZ	54.8213, 45.8154, 21.5766
YIQ	180.0900, 70.1480, 6.2440

Conversions

Conversions Part 2

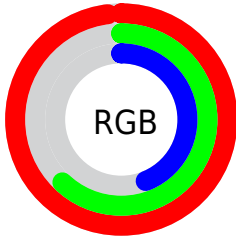
Format	Color
RYB	251, 178, 113
Decimal	16489841
CIELab	73.43, 30.75, 37.58
CIELCh	73, 48.557, 50.709
Yxy	45.8154, 0.4486, 0.3749
Android (android.graphics.Color)	4294679921 (0xFFFB9D71)
YUV	180.0900, -33.0754, 62.1881
Hunter-Lab	67.6871, 26.1188, 28.4811

Details

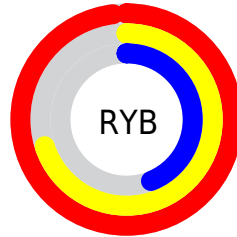
The XYZ color **54.8213, 45.8154, 21.5766** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **46.5342, 55.0987, 99.4491**, and the grayscale version is **43.5775, 45.8469, 49.9273**.

A 20% lighter version of the original color is **71.5750, 71.0636, 45.5415**, and **27.4628, 21.5497, 7.5625** is the 20% darker color. If you saturate the color by 10%, you get **50.9060, 39.9422, 14.2377**, and if you desaturate by 10%, it is **59.5343, 52.6590, 31.1097**.

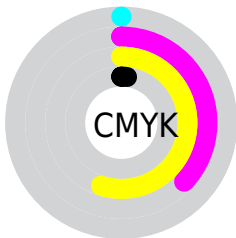
Distribution



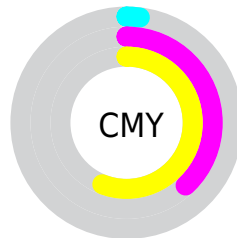
- Red (98%)
- Green (62%)
- Blue (44%)



- Red (98%)
- Yellow (70%)
- Blue (44%)



- Cyan (0%)
- Magenta (37%)
- Yellow (55%)
- Black (2%)




- Cyan (2%)
- Magenta (38%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.8213, 45.8154, 21.5766 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 54.8213, 45.8154, 21.5766 by changing the saturation by 10% instead.


 54.8213, 45.8154,
21.5766


 54.8213, 45.8154,
21.5766


395.3816,
370.0660, 273.2081

 39.4919, 32.1002,
13.3508


 96.4289, 83.9427,
46.9384


 27.3251, 21.4380,
7.5370

 123.4379,
109.1235, 64.9114

 17.9554, 13.4446,
3.7166


 155.0708,
138.8950, 86.9707

 11.0174, 7.7354,
1.4712

 191.6930,
173.6415, 113.5346

 6.1460, 3.9261,
0.1963

233.6698,
213.7475, 145.0218

 2.9755, 1.6323,
0.0000

281.3666,

 1.1408, 0.3792,

259.5973, 181.8507

0.0000

335.1488,
311.5753, 224.4400

■ 0.0589, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.8213, 45.8154,
21.5766

■ 54.8213, 45.8154,
21.5766

■ 50.9060, 39.9422,
14.2377

■ 59.5343, 52.6590,
31.1097

■ 47.7352, 34.9859,
8.9106

■ 65.0867, 60.5091,
42.9940

■ 45.2537, 30.8974,
5.3872

■ 71.5210, 69.4087,
57.3751

■ 43.3947, 27.6194,
3.4113

■ 78.8758, 79.3957,
74.3859

■ 42.6551, 26.2523,
2.8190

■ 87.1872, 90.5062,
94.1498

■ 93.5936, 99.2492,
108.8318

Harmonies

Analogous

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



60.8251, 45.8154, 35.0056



54.8213, 45.8154, 21.5766



46.2576, 45.8154, 16.3305

Triad

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



54.8213, 45.8154, 21.5766



29.2404, 45.8154, 42.6560



49.6288, 45.8154, 108.2346

Complementary

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



54.8213, 45.8154, 21.5766



46.5342, 55.0987, 99.4491

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.



40.9428, 45.8154, 112.3531



54.8213, 45.8154, 21.5766



29.8950, 45.8154, 68.4770

Square

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



54.8213, 45.8154, 21.5766



32.0108, 45.8154, 25.5952



33.9338, 45.8154, 95.9758



57.5651, 45.8154, 86.0803

Rectangle

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



54.8213, 45.8154, 21.5766



40.5591, 45.8154, 16.4269



33.9338, 45.8154, 95.9758



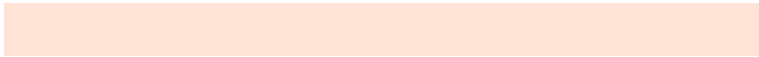
46.6763, 45.8154, 112.0055

Sweetspot

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



54.8224, 45.8177, 21.5775



80.9298, 81.1786, 75.1559



56.9881, 36.8395, 63.3313



16.9735, 16.9042, 15.2727



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.



54.8224, 45.8177, 21.5775



52.3800, 40.8072, 14.0685



69.8791, 75.9312, 26.5964



17.6964, 18.1286, 18.0289



22.5369, 14.0304, 1.5203



2.1785, 1.4818, 0.1712

Inverse Universe

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



46.5342, 55.0987, 99.4491



42.9166, 51.1600, 102.2207



33.3545, 28.7393, 95.0558



17.2718, 18.6204, 22.0691



16.9408, 19.2372, 50.7938



1.6645, 1.9727, 4.7362

Previews

White Background



This preview shows how the XYZ color 54.8213, 45.8154, 21.5766 looks on a white background.

Color Contrast Check

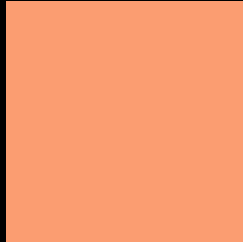
Large Text (above 18pt) WCAG AA × Fail

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 54.8213, 45.8154, 21.5766 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 54.8213, 45.8154, 21.5766

Background



This preview shows how black text looks on a background with the XYZ color 54.8213, 45.8154, 21.5766.



This preview shows how white text looks on a background with the XYZ color 54.8213, 45.8154,

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

54.8213, 45.8154, 21.5766

Protanopia

42.8017, 46.1887, 25.0718

Deuteranopia

46.9715, 46.0730, 21.1692



Tritanopia

58.8282, 46.0019, 39.9611

Trichromacy



Original Color

54.8213, 45.8154, 21.5766

Protanomaly

46.4012, 45.4359, 23.7772

Deuteranomaly

49.6430, 45.7741, 21.2577

Tritanomaly

57.2983, 45.8669, 32.2188

Monochromacy



Original Color

54.8213, 45.8154, 21.5766

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

46.2069, 45.0272, 37.7082

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.8213, 45.8154, 21.5766 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(251, 157, 113)` looks like.

```
.text, #text, p{  
    color:rgb(251, 157, 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(251, 157, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 157, 113) }
```

Border

The CSS property to change the border of an element to XYZ 54.8213, 45.8154, 21.5766 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(251, 157, 113) }
```


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

```
.border{ border-color:rgb(251, 157, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 157, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 157, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 157, 113);  
box-shadow:4px 4px 4px 4px rgb(251, 157,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 54.8213, 45.8154, 21.5766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 157, 113) }
```

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

```
.background{ background-color: rgb(251,  
157, 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](#).

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