

Converting Colors

XYZ(54.4929, 44.7826, 20.8693)

Have a look what the booklet for
XYZ(54.4929, 44.7826, 20.8693)
contains.

XYZ(54.4054, 44.6256, 20.7851)	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(54.4054, 44.6256,
20.7851)**

Conversions

Conversions Part 1

Format	Color
Hex	FC996F
RGB	252, 153, 111
RGB Percent	99%, 60%, 44%
CMY	0.0118, 0.4000, 0.5647
CMYK	0.00, 0.39, 0.56, 0.01
HSL	18°, 96%, 71%
HSV	18°, 56%, 99%
XYZ	54.4054, 44.6256, 20.7851
YIQ	177.8130, 72.4860, 7.9260

Conversions

Conversions Part 2

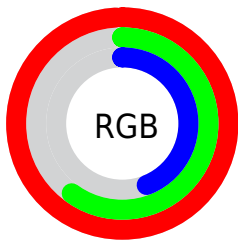
Format	Color
R_{YB}	252, 171, 111
Decimal	16554351
CIE _{Lab}	72.64, 33.06, 37.68
CIE _{LCh}	73, 50.126, 48.735
Yxy	44.6256, 0.4541, 0.3725
Android (android.graphics.Color)	4294744431 (0xFFFC996F)
YUV	177.8130, -32.9388, 65.0620
Hunter-Lab	66.8024, 28.4703, 28.3140

Details

The XYZ color **54.4054, 44.6256, 20.7851** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **47.1716, 56.4983, 100.5142**, and the grayscale version is **42.3609, 44.5670, 48.5335**.

A 20% lighter version of the original color is **70.4067, 69.0161, 44.2609**, and **27.0090, 20.7315, 7.1355** is the 20% darker color. If you saturate the color by 10%, you get **50.5244, 38.7799, 13.5846**, and if you desaturate by 10%, it is **59.1093, 51.4911, 30.1912**.

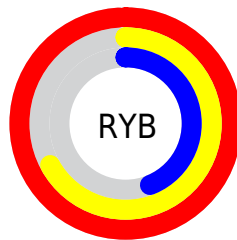
Distribution



Red (99%)

Green (60%)

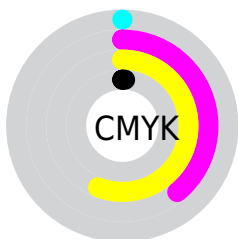
Blue (44%)



Red (99%)

Yellow (67%)

Blue (44%)

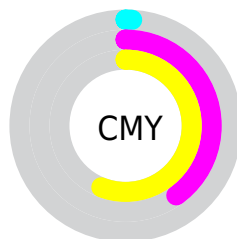


Cyan (0%)

Magenta (39%)

Yellow (56%)

Black (1%)



Cyan (1%)


Magenta (40%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.4054, 44.6256, 20.7851 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 54.4054, 44.6256, 20.7851 by changing the saturation by 10% instead.


 54.4054, 44.6256,
20.7851

 54.4054, 44.6256,
20.7851


393.8272,
365.2551, 268.8776

 39.1578, 31.1626,
12.7773


 95.8226, 82.1583,
45.6057


 27.0638, 20.7227,
7.1465


 122.7230,
106.9968, 63.2557

 17.7580, 12.9215,
3.4740


 154.2384,
136.3960, 84.9567

 10.8750, 7.3745,
1.3415

 190.7340,
170.7402, 111.1274

 6.0495, 3.6974,
0.0954

232.5754,
210.4138, 142.1863

 2.9162, 1.5058,
0.0000

280.1278,

 1.1096, 0.2928,

255.8012, 178.5520

0.0000

333.7566,
307.2868, 220.6429

■ 0.0331, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.4054, 44.6256,
20.7851

■ 54.4054, 44.6256,
20.7851

■ 50.5244, 38.7799,
13.5846

■ 59.1093, 51.4911,
30.1912

■ 47.4104, 33.8960,
8.4026

■ 64.6804, 59.4170,
41.9638

■ 45.0045, 29.9199,
5.0247

■ 71.1635, 68.4496,
56.2518

■ 43.2358, 26.7881,
3.1848

■ 78.5992, 78.6304,
73.1908

42.6659, 25.7376,
2.7191

87.0256, 89.9989,
92.9067

93.9548, 99.4354,
108.8487

Harmonies

Analogous

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



60.2694, 44.6256, 34.7952



54.4054, 44.6256, 20.7851



45.7607, 44.6256, 15.1670

Triad

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



54.4054, 44.6256, 20.7851



28.0597, 44.6256, 39.8358



48.0060, 44.6256, 109.3829

Complementary

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



54.4054, 44.6256, 20.7851



47.1716, 56.4983, 100.5142

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.



39.2371, 44.6256, 112.1751



54.4054, 44.6256, 20.7851



28.4892, 44.6256, 65.6193

Square

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



54.4054, 44.6256, 20.7851



31.0643, 44.6256, 23.3868



32.3305, 44.6256, 94.1123



56.2410, 44.6256, 87.4340

Rectangle

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



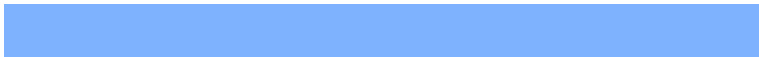
54.4054, 44.6256, 20.7851



39.9305, 44.6256, 14.9989



32.3305, 44.6256, 94.1123



45.0011, 44.6256, 112.8168

Sweetspot

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



54.4065, 44.6279, 20.7859



79.8872, 79.6111, 73.2121



57.7194, 36.8206, 66.3855



16.7579, 16.5749, 14.8864



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.



54.4065, 44.6279, 20.7859



51.5169, 39.2440, 13.2779



68.9895, 73.7940, 25.6470



17.6661, 18.0680, 18.0188



22.3366, 13.6299, 1.4536



2.1569, 1.4386, 0.1640

Inverse Universe

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



47.1716, 56.4983, 100.5142



43.3366, 52.3457, 102.4274



33.7328, 29.6206, 96.0346



17.3037, 18.6842, 22.0797



17.4698, 20.2951, 50.9701



1.7104, 2.0645, 4.7515

Previews

White Background



This preview shows how the XYZ color 54.4054, 44.6256, 20.7851 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 54.4054, 44.6256, 20.7851 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

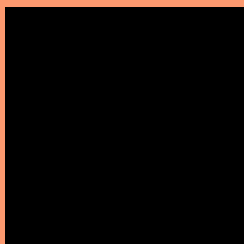
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.4054, 44.6256, 20.7851

Background



This preview shows how black text looks on a background with the XYZ color 54.4054, 44.6256, 20.7851.



This preview shows how white text looks on a background with the XYZ color 54.4054, 44.6256,

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

54.4054, 44.6256, 20.7851

Protanopia

41.5636, 44.9581, 24.5763

Deuteranopia

45.8320, 44.9391, 20.1684



Tritanopia

57.8453, 44.5961, 37.9069

Trichromacy



Original Color

54.4054, 44.6256, 20.7851

Protanomaly

45.3172, 44.3299, 22.9977

Deuteranomaly

48.6154, 44.4566, 20.2060

Tritanomaly

56.4282, 44.4888, 30.8124

Monochromacy



Original Color

54.4054, 44.6256, 20.7851

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

45.1975, 43.6882, 36.6223

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4054, 44.6256, 20.7851 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(252, 153, 111)` looks like.

```
.text, #text, p{  
    color:rgb(252, 153, 111)  
}
```

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(252, 153, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 153, 111) }
```

Border

The CSS property to change the border of an element to XYZ 54.4054, 44.6256, 20.7851 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(252, 153, 111) }
```


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

```
.border{ border-color:rgb(252, 153, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 153, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 153, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 153, 111);  
box-shadow:4px 4px 4px 4px rgb(252, 153,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4054, 44.6256, 20.7851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 153, 111) }
```

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

```
.background{ background-color: rgb(252,  
153, 111) }
```

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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