

Converting Colors

XYZ(54.2290, 41.5776, 23.7097)

Have a look what the booklet for
XYZ(54.2290, 41.5776, 23.7097)
contains.

XYZ(54.2777, 41.7149, 23.6034)	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(54.2777, 41.7149,
23.6034)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8D7A
RGB	255, 141, 122
RGB Percent	100%, 55%, 48%
CMY	0.0000, 0.4470, 0.5216
CMYK	0.00, 0.45, 0.52, 0.00
HSL	9°, 100%, 74%
HSV	9°, 52%, 100%
XYZ	54.2777, 41.7149, 23.6034
YIQ	172.9200, 74.0430, 18.2590

Conversions

Conversions Part 2

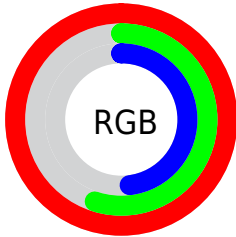
Format	Color
R _Y B	255, 144, 122
Decimal	16747898
CIE Lab	70.67, 41.23, 29.29
CIE LCh	71, 50.577, 35.394
Yxy	41.7149, 0.4538, 0.3488
Android (android.graphics.Color)	4294937978 (0xFFFF8D7A)
YUV	172.9200, -25.1036, 71.9842
Hunter-Lab	64.5871, 36.9805, 23.5434

Details

The XYZ color **54.2777, 41.7149, 23.6034** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **56.0696, 71.3446, 105.4230**, and the grayscale version is **39.7783, 41.8499, 45.5745**.

A 20% lighter version of the original color is **68.7178, 63.8350, 49.2570**, and **26.9405, 18.9298, 8.5372** is the 20% darker color. If you saturate the color by 10%, you get **49.9892, 35.3435, 15.3750**, and if you desaturate by 10%, it is **59.6186, 49.5282, 34.2281**.

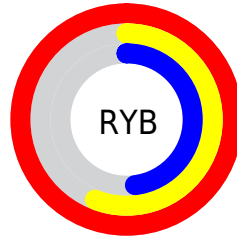
Distribution



Red (100%)

Green (55%)

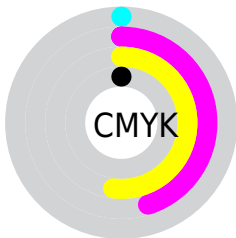
Blue (48%)



Red (100%)

Yellow (56%)

Blue (48%)

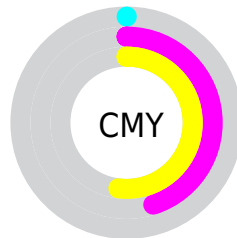


Cyan (0%)

Magenta (45%)

Yellow (52%)

Black (0%)



Cyan (0%)


Magenta (45%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.2777, 41.7149, 23.6034 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 54.2777, 41.7149, 23.6034 by changing the saturation by 10% instead.


 54.2777, 41.7149,
23.6034

 54.2777, 41.7149,
23.6034


393.3492,
353.2997, 284.0309

 39.0553, 28.8781,
14.8302


 95.6364, 77.7680,
50.3179

 26.9836, 18.9886,
8.5550


 122.5033,
101.7530, 69.0963

 17.6975, 11.6621,
4.3593


 153.9825,
130.2230, 92.0469

 10.8314, 6.5140,
1.8244

190.4393,
163.5622, 119.5881

 6.0200, 3.1601,
0.4440

232.2390,
202.1551, 152.1386

 2.8980, 1.2159,
0.0000

279.7469,

 1.1001, 0.0746,

246.3860, 190.1169

0.0000

333.3286,
296.6395, 233.9415

■ 0.0252, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.2777, 41.7149,
23.6034

■ 54.2777, 41.7149,
23.6034

■ 49.9892, 35.3435,
15.3750

■ 59.6186, 49.5282,
34.2281

■ 46.6793, 30.3190,
9.3534

■ 66.0730, 58.8576,
47.4140

■ 44.2692, 26.5453,
5.3241

■ 73.7008, 69.7803,
63.3141

■ 42.6660, 23.9102,
3.0283

■ 82.5566, 82.3660,
82.0688

■ 41.8841, 22.5485,
2.1448

■ 92.6917, 96.6803,
103.8086

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.



57.9382, 41.7149, 41.2218



54.2777, 41.7149, 23.6034



46.7387, 41.7149, 15.0697

Triad

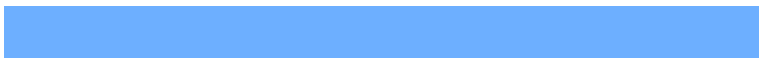
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



54.2777, 41.7149, 23.6034



26.7362, 41.7149, 28.7970



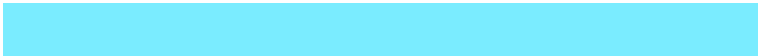
41.1818, 41.7149, 108.5420

Complementary

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



54.2777, 41.7149, 23.6034



56.0696, 71.3446, 105.4230

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.



33.3147, 41.7149, 101.5760



54.2777, 41.7149, 23.6034



25.6808, 41.7149, 49.8949

Square

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



54.2777, 41.7149, 23.6034



31.0343, 41.7149, 17.2443



27.9172, 41.7149, 77.7097



49.7259, 41.7149, 94.3413

Rectangle

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



54.2777, 41.7149, 23.6034



40.9560, 41.7149, 13.2157



27.9172, 41.7149, 77.7097



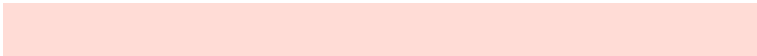
38.3696, 41.7149, 108.6408

Sweetspot

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



54.2787, 41.7171, 23.6042



79.0044, 77.3277, 74.5141



63.5245, 41.3093, 84.9503



16.5194, 15.9959, 15.1213



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.



54.2787, 41.7171, 23.6042



49.6734, 34.8689, 14.7845



66.8803, 66.9202, 27.8047



18.2187, 18.4057, 18.7367



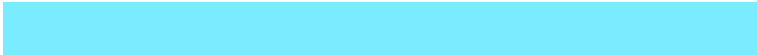
21.9484, 11.9079, 1.1417



2.1970, 1.2794, 0.1312

Inverse Universe

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



56.0696, 71.3446, 105.4230



51.5705, 67.3551, 104.8905



40.5951, 40.3956, 100.2648



18.3206, 20.0128, 23.1472



22.6925, 30.2946, 54.0860



2.2674, 3.0656, 5.2855

Previews

White Background



This preview shows how the XYZ color 54.2777, 41.7149, 23.6034 looks on a white background.

Color Contrast Check

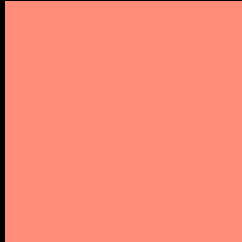
Large Text (above 18pt) WCAG AA × Fail

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 54.2777, 41.7149, 23.6034 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 54.2777, 41.7149, 23.6034

Background



This preview shows how black text looks on a background with the XYZ color 54.2777, 41.7149, 23.6034.



This preview shows how white text looks on a background with the XYZ color 54.2777, 41.7149,

23.6034.

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

54.2777, 41.7149, 23.6034

Protanopia

39.3951, 41.9790, 29.3190

Deuteranopia

42.5792, 41.8222, 22.6579



Tritanopia

55.6738, 41.5751, 33.1074

Trichromacy



Original Color

54.2777, 41.7149, 23.6034

Protanomaly

43.4199, 40.8301, 27.0652

Deuteranomaly

46.1272, 41.2931, 22.9920

Tritanomaly

55.1328, 41.5893, 29.5478

Monochromacy



Original Color

54.2777, 41.7149, 23.6034

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

43.2062, 40.5193, 36.1157

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.2777, 41.7149, 23.6034 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, 141, 122)` looks like.

```
.text, #text, p{  
    color:rgb(255, 141, 122)  
}
```

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, 141, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 141, 122) }
```

Border

The CSS property to change the border of an element to XYZ 54.2777, 41.7149, 23.6034 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, 141, 122) }
```


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

```
.border{ border-color:rgb(255, 141, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 141, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 141, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 141, 122);  
box-shadow:4px 4px 4px 4px rgb(255, 141,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 54.2777, 41.7149, 23.6034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 141, 122) }
```

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

```
.background{ background-color: rgb(255,  
141, 122) }
```

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