

Converting Colors

XYZ(54.8975, 41.9458, 31.4000)

Have a look what the booklet for
XYZ(54.8975, 41.9458, 31.4000)
contains.

XYZ(54.7038, 41.7588, 31.5626)	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(54.7038, 41.7588,
31.5626)**

Conversions

Conversions Part 1

Format	Color
Hex	FC8D90
RGB	252, 141, 144
RGB Percent	99%, 55%, 56%
CMY	0.0118, 0.4470, 0.4353
CMYK	0.00, 0.44, 0.43, 0.01
HSL	358°, 95%, 77%
HSV	358°, 44%, 99%
XYZ	54.7038, 41.7588, 31.5626
YIQ	174.5310, 65.1930, 24.4650

Conversions

Conversions Part 2

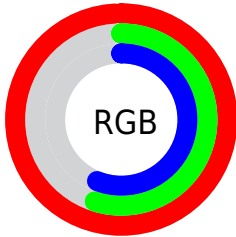
Format	Color
R _Y B	252, 141, 144
Decimal	16551312
CIE Lab	70.70, 42.18, 17.13
CIE LCh	71, 45.526, 22.098
Yxy	41.7588, 0.4273, 0.3262
Android (android.graphics.Color)	4294741392 (0xFFFC8D90)
YUV	174.5310, -15.0518, 67.9403
Hunter-Lab	64.6210, 38.0192, 16.2760

Details

The XYZ color **54.7038, 41.7588, 31.5626** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.8959, 82.1240, 102.1639**, and the grayscale version is **40.5581, 42.6703, 46.4679**.

A 20% lighter version of the original color is **71.1730, 64.8171, 62.1858**, and **27.2483, 18.9941, 12.8198** is the 20% darker color. If you saturate the color by 10%, you get **49.7267, 34.4853, 21.6400**, and if you desaturate by 10%, it is **60.9353, 50.8898, 43.9120**.

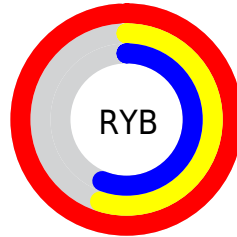
Distribution



Red (99%)

Green (55%)

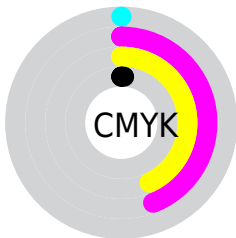
Blue (56%)



Red (99%)

Yellow (55%)

Blue (56%)

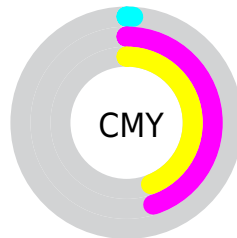


Cyan (0%)

Magenta (44%)

Yellow (43%)

Black (1%)



Cyan (1%)


Magenta (45%)


Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.7038, 41.7588, 31.5626 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 54.7038, 41.7588, 31.5626 by changing the saturation by 10% instead.


 54.7038, 41.7588,
31.5626


 54.7038, 41.7588,
31.5626


394.9429,
353.4821, 323.5530

 39.3975, 28.9125,
20.7656

 96.2577, 77.8344,
63.2147

 27.2512, 19.0146,
12.7632


 123.2360,
101.8326, 84.9068

 17.8996, 11.6808,
7.1369

154.8358,
130.3167, 111.0677

 10.9772, 6.5267,
3.4681

191.4223,
163.6713, 142.1160

 6.1187, 3.1679,
1.3383

233.3608,
202.2808, 178.4701

 2.9587, 1.2200,
0.0929

281.0169,

 1.1320, 0.0780,

246.5295, 220.5486

0.0000

334.7558,
296.8018, 268.7701

■ 0.0516, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.7038, 41.7588,
31.5626

■ 54.7038, 41.7588,
31.5626

■ 49.7267, 34.4853,
21.6400

■ 60.9353, 50.8898,
43.9120

■ 45.9162, 28.9361,
13.9823

■ 68.4948, 61.9869,
58.8310

■ 43.1780, 24.9707,
8.4116

■ 77.4541, 75.1578,
76.4540

■ 41.4022, 22.4236,
4.7226

■ 87.8789, 90.5006,
96.9056

■ 40.4548, 21.0929,
2.6682

93.9548, 99.4354,
108.8487

■ 40.1821, 20.7103,
2.0749

Harmonies

Analogous

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



55.8610, 41.7588, 51.4213



54.7038, 41.7588, 31.5626



49.2844, 41.7588, 19.9355

Triad

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



54.7038, 41.7588, 31.5626



29.3100, 41.7588, 24.4257



37.7297, 41.7588, 100.2748

Complementary

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



54.7038, 41.7588, 31.5626



62.8959, 82.1240, 102.1639

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.



31.4302, 41.7588, 86.7547



54.7038, 41.7588, 31.5626



26.9871, 41.7588, 39.9933

Square

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



54.7038, 41.7588, 31.5626



34.4800, 41.7588, 16.8179



27.7109, 41.7588, 62.9548



45.4011, 41.7588, 95.8396

Rectangle

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



54.7038, 41.7588, 31.5626



44.3181, 41.7588, 16.2875



27.7109, 41.7588, 62.9548



35.3968, 41.7588, 97.5604

Sweetspot

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



54.7049, 41.7609, 31.5634



80.6063, 78.7368, 80.5807



65.9145, 46.0915, 97.5178



16.7834, 16.1620, 16.3250



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.



54.7049, 41.7609, 31.5634



51.5447, 36.0994, 23.1531



63.9797, 60.6719, 33.5408



17.2636, 17.2328, 17.9778



20.9398, 10.7916, 1.1255



1.9458, 1.0021, 0.1383

Inverse Universe

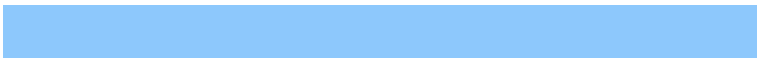
The Inverse Universe completely reimagines the original color for something new.



54.7049, 41.7609, 31.5634



51.5447, 36.0994, 23.1531



49.2578, 54.0944, 99.9404



17.2636, 17.2328, 17.9778



20.9398, 10.7916, 1.1255



1.9458, 1.0021, 0.1383

Previews

White Background



This preview shows how the XYZ color 54.7038, 41.7588, 31.5626 looks on a white background.

Color Contrast Check

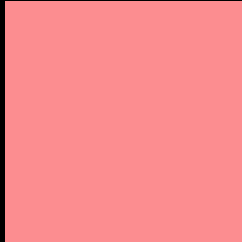
Large Text (above 18pt) WCAG AA × Fail

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 54.7038, 41.7588, 31.5626 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 54.7038, 41.7588, 31.5626

Background



This preview shows how black text looks on a background with the XYZ color 54.7038, 41.7588, 31.5626.



This preview shows how white text looks on a background with the XYZ color 54.7038, 41.7588,

31.5626.

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

54.7038, 41.7588, 31.5626

Protanopia

40.1111, 42.1285, 39.2752

Deuteranopia

42.9095, 42.0874, 30.6731



Tritanopia

55.3911, 41.8408, 34.0108

Trichromacy



Original Color

54.7038, 41.7588, 31.5626



Protanomaly

44.0312, 40.9446, 36.1543



Deuteranomaly

46.5498, 41.5925, 30.7740



Tritanomaly

55.2314, 41.7769, 33.1697

Monochromacy



Original Color

54.7038, 41.7588, 31.5626



Achromatopsia

40.7470, 42.8690, 46.6844



Achromatomaly

44.4266, 41.5712, 40.8045

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.7038, 41.7588, 31.5626 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, 141, 144)` looks like.

```
.text, #text, p{  
    color:rgb(252, 141, 144)  
}
```

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, 141, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 141, 144) }
```

Border

The CSS property to change the border of an element to XYZ 54.7038, 41.7588, 31.5626 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, 141, 144) }
```


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

```
.border{ border-color:rgb(252, 141, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 141, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 141, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 141, 144);  
box-shadow:4px 4px 4px 4px rgb(252, 141,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 54.7038, 41.7588, 31.5626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 141, 144) }
```

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

```
.background{ background-color: rgb(252,  
141, 144) }
```

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