

Converting Colors

XYZ(54.7815, 41.0861, 28.8625)

Have a look what the booklet for
XYZ(54.7815, 41.0861, 28.8625)
contains.

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Color

**XYZ(54.7010, 40.9575,
28.6894)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8989
RGB	255, 137, 137
RGB Percent	100%, 54%, 54%
CMY	0.0000, 0.4627, 0.4627
CMYK	0.00, 0.46, 0.46, 0.00
HSL	0°, 100%, 77%
HSV	0°, 46%, 100%
XYZ	54.7010, 40.9575, 28.6894
YIQ	172.2820, 70.3280, 25.0160

Conversions

Conversions Part 2

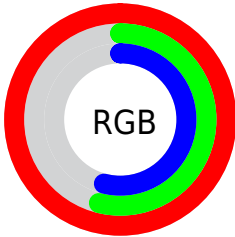
Format	Color
R _Y B	255, 137, 137
Decimal	16746889
CIE Lab	70.15, 44.58, 20.31
CIE LCh	70, 48.989, 24.492
Yxy	40.9575, 0.4399, 0.3294
Android (android.graphics.Color)	4294936969 (0xFFFF8989)
YUV	172.2820, -17.3940, 72.5437
Hunter-Lab	63.9980, 40.5726, 18.2198

Details

The XYZ color **54.7010, 40.9575, 28.6894** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **64.1244, 84.0539, 107.4517**, and the grayscale version is **39.4171, 41.4699, 45.1607**.

A 20% lighter version of the original color is **69.3839, 62.6770, 57.1561**, and **27.1388, 18.4981, 11.1569** is the 20% darker color. If you saturate the color by 10%, you get **49.8769, 33.8990, 19.0983**, and if you desaturate by 10%, it is **60.8158, 49.9058, 40.8438**.

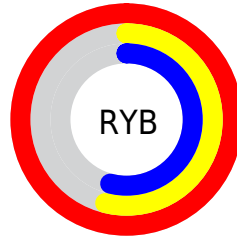
Distribution



Red (100%)

Green (54%)

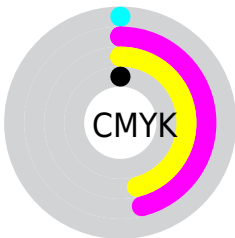
Blue (54%)



Red (100%)

Yellow (54%)

Blue (54%)

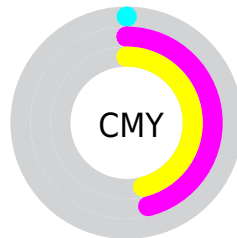


Cyan (0%)

Magenta (46%)

Yellow (46%)

Black (0%)



Cyan (0%)


Magenta (46%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.7010, 40.9575, 28.6894 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 54.7010, 40.9575, 28.6894 by changing the saturation by 10% instead.


 54.7010, 40.9575,
28.6894


 54.7010, 40.9575,
28.6894


394.9324,
350.1430, 309.7616


 39.3953, 28.2859,
18.6024


 96.2536, 76.6194,
58.6195

 27.2495, 18.5413,
11.2095


 123.2312,
100.3784, 79.2998

 17.8982, 11.3393,
6.0920


 154.8302,
128.6020, 104.3482

 10.9762, 6.2955,
2.8314

191.4158,
161.6747, 134.1833

 6.1180, 3.0256,
1.0092

233.3535,
199.9807, 169.2236

 2.9583, 1.1451,
0.0000

281.0086,

 1.1318, 0.0162,

243.9045, 209.8878

0.0000

334.7464,
293.8304, 256.5942

■ 0.0514, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.7010, 40.9575,
28.6894

■ 54.7010, 40.9575,
28.6894

■ 49.8769, 33.8990,
19.0983

■ 60.8158, 49.9058,
40.8438

■ 46.2483, 28.5891,
11.8850

■ 68.3013, 60.8593,
55.7246

■ 43.7116, 24.8771,
6.8427

■ 77.2348, 73.9316,
73.4841

■ 42.1447, 22.5842,
3.7281

■ 87.6870, 89.2260,
94.2627

■ 41.3952, 21.4873,
2.2385

95.0499, 99.9999,
108.9000

■ 41.2400, 21.2602,
1.9300

Harmonies

Analogous

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



56.3678, 40.9575, 48.9664



54.7010, 40.9575, 28.6894



48.5811, 40.9575, 17.4562

Triad

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



54.7010, 40.9575, 28.6894



27.6851, 40.9575, 23.5627



37.4687, 40.9575, 104.5172

Complementary

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



54.7010, 40.9575, 28.6894



64.1244, 84.0539, 107.4517

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.



30.6481, 40.9575, 91.0244



54.7010, 40.9575, 28.6894



25.5181, 40.9575, 40.4932

Square

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



54.7010, 40.9575, 28.6894



32.8842, 40.9575, 15.2866



26.5235, 40.9575, 65.5050



45.6723, 40.9575, 98.0106

Rectangle

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



54.7010, 40.9575, 28.6894



43.1954, 40.9575, 14.1576



26.5235, 40.9575, 65.5050



34.9530, 40.9575, 102.0617

Sweetspot

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



54.7020, 40.9596, 28.6902



79.4761, 77.2111, 77.9395



68.2356, 46.3715, 99.9616



16.5556, 15.8598, 15.7767



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.



54.7020, 40.9596, 28.6902



49.9929, 34.0686, 19.3287



65.4953, 62.5461, 32.2879



18.0095, 17.9873, 18.6670



21.5489, 11.1090, 1.0085



2.0982, 1.0817, 0.0982

Inverse Universe

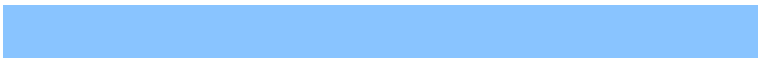
The Inverse Universe completely reimagines the original color for something new.



64.1244, 84.0539, 107.4517



60.5150, 82.1927, 107.2830



48.1066, 52.0184, 102.1125



18.5549, 20.4813, 23.2253



28.1145, 41.1386, 55.8933



2.7374, 4.0056, 5.4421

Previews

White Background



This preview shows how the XYZ color 54.7010, 40.9575, 28.6894 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 54.7010, 40.9575, 28.6894 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 54.7010, 40.9575, 28.6894

Background



This preview shows how black text looks on a background with the XYZ color 54.7010, 40.9575, 28.6894.



This preview shows how white text looks on a background with the XYZ color 54.7010, 40.9575,

28.6894.

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

54.7010, 40.9575, 28.6894

Protanopia

38.9861, 41.0426, 36.4391

Deuteranopia

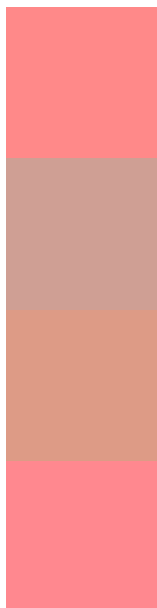
41.9771, 41.1328, 27.5568



Tritanopia

55.2325, 40.9436, 32.1860

Trichromacy



Original Color

54.7010, 40.9575, 28.6894

Protanomaly

43.4756, 40.1998, 33.4849

Deuteranomaly

45.8432, 40.5361, 27.9623

Tritanomaly

55.0021, 40.8515, 30.9728

Monochromacy



Original Color

54.7010, 40.9575, 28.6894

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

43.0133, 39.8560, 38.2268

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.7010, 40.9575, 28.6894 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, 137, 137)` looks like.

```
.text, #text, p{  
    color:rgb(255, 137, 137)  
}
```

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, 137, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 137, 137) }
```

Border

The CSS property to change the border of an element to XYZ 54.7010, 40.9575, 28.6894 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, 137, 137) }
```


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

```
.border{ border-color:rgb(255, 137, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 137, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 137, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 137, 137);  
box-shadow:4px 4px 4px 4px rgb(255, 137,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 54.7010, 40.9575, 28.6894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 137, 137) }
```

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

```
.background{ background-color: rgb(255,  
137, 137) }
```

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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