

Converting Colors

XYZ(54.3479, 40.3655, 28.2194)

Have a look what the booklet for
XYZ(54.3479, 40.3655, 28.2194)
contains.

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Color

**XYZ(54.3479, 40.3655,
28.2194)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8788
RGB	255, 135, 136
RGB Percent	100%, 53%, 53%
CMY	0.0000, 0.4706, 0.4667
CMYK	0.00, 0.47, 0.47, 0.00
HSL	360°, 100%, 76%
HSV	360°, 47%, 100%
XYZ	54.3479, 40.3655, 28.2194
YIQ	170.9940, 71.1990, 25.7510

Conversions

Conversions Part 2

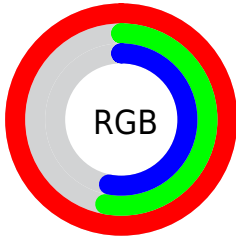
Format	Color
R_{YB}	255, 135, 136
Decimal	16746376
CIE _{Lab}	69.73, 45.48, 20.29
CIE _{LCh}	70, 49.804, 24.047
Yxy	40.3655, 0.4421, 0.3284
Android (android.graphics.Color)	4294936456 (0xFFFF8788)
YUV	170.9940, -17.2520, 73.6733
Hunter-Lab	63.5338, 41.5076, 18.1393

Details

The XYZ color **54.3479, 40.3655, 28.2194** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.6432, 83.8275, 106.5971**, and the grayscale version is **38.7657, 40.7845, 44.4143**.

A 20% lighter version of the original color is **68.8388, 61.7610, 56.4370**, and **26.9451, 18.1758, 10.8922** is the 20% darker color. If you saturate the color by 10%, you get **49.6163, 33.4472, 18.7968**, and if you desaturate by 10%, it is **60.3575, 49.1613, 40.1603**.

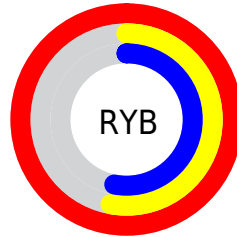
Distribution



Red (100%)

Green (53%)

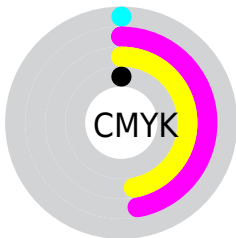
Blue (53%)



Red (100%)

Yellow (53%)

Blue (53%)

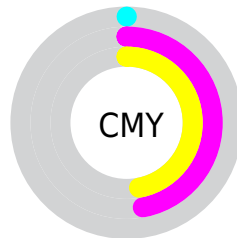


Cyan (0%)

Magenta (47%)

Yellow (47%)

Black (0%)



Cyan (0%)


Magenta (47%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.3479, 40.3655, 28.2194 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 54.3479, 40.3655, 28.2194 by changing the saturation by 10% instead.


 54.3479, 40.3655,
28.2194


 54.3479, 40.3655,
28.2194


393.6120,
347.6617, 307.4587


 39.1116, 27.8236,
18.2506

 95.7388, 75.7198,
57.8618

 27.0277, 18.1928,
10.9588


 122.6241, 99.3009,
78.3726

 17.7307, 11.0885,
5.9253

 154.1232,
127.3307, 103.2344

 10.8554, 6.1264,
2.7317

190.6013,
160.1934, 132.8659

 6.0362, 2.9221,
0.9593

232.4239,
198.2735, 167.6855

 2.9080, 1.0912,
0.0000

279.9564,

 1.1053, 0.0000,

241.9553, 208.1118

0.0000

333.5639,
291.6232, 254.5633

■ 0.0295, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.3479, 40.3655,
28.2194

■ 54.3479, 40.3655,
28.2194

■ 49.6163, 33.4472,
18.7968

■ 60.3575, 49.1613,
40.1603

■ 46.0674, 28.2644,
11.7103

■ 67.7250, 59.9507,
54.7797

■ 43.5978, 24.6652,
6.7566

■ 76.5274, 72.8478,
72.2274

■ 42.0851, 22.4685,
3.6968

■ 86.8351, 87.9562,
92.6411

■ 41.3738, 21.4439, 95.0499, 100.0000,
2.2329 108.9000

■ 41.2515, 21.2646,
1.9909

Harmonies

Analogous

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



55.9561, 40.3655, 48.7218



54.3479, 40.3655, 28.2194



48.2139, 40.3655, 16.9047

Triad

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



54.3479, 40.3655, 28.2194



27.1288, 40.3655, 22.6867



36.7797, 40.3655, 104.6023

Complementary

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



54.3479, 40.3655, 28.2194



63.6432, 83.8275, 106.5971

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.



29.9600, 40.3655, 90.6167



54.3479, 40.3655, 28.2194



24.9129, 40.3655, 39.5026

Square

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



54.3479, 40.3655, 28.2194



32.3857, 40.3655, 14.5830



25.8718, 40.3655, 64.6542



45.0410, 40.3655, 98.2876

Rectangle

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



54.3479, 40.3655, 28.2194



42.7898, 40.3655, 13.5790



25.8718, 40.3655, 64.6542



34.2585, 40.3655, 102.0013

Sweetspot

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



54.3489, 40.3676, 28.2201



79.5146, 77.2256, 78.1448



67.2229, 45.4326, 99.8339



16.5648, 15.8632, 15.8257



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.



54.3489, 40.3676, 28.2201



50.0585, 34.0934, 19.6782



64.6844, 61.1510, 31.3185



18.0155, 17.9895, 18.6989



21.5575, 11.1123, 1.0542



2.1010, 1.0828, 0.1134

Inverse Universe

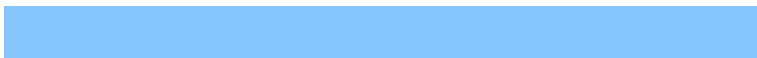
The Inverse Universe completely reimagines the original color for something new.



54.3489, 40.3676, 28.2201



50.0585, 34.0934, 19.6782



48.0099, 52.3056, 102.1731



18.0155, 17.9895, 18.6989



21.5575, 11.1123, 1.0542



2.1010, 1.0828, 0.1134

Previews

White Background



This preview shows how the XYZ color 54.3479, 40.3655, 28.2194 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 54.3479, 40.3655, 28.2194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

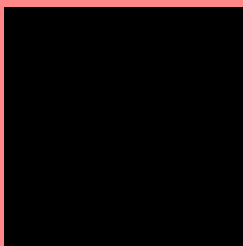
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.3479, 40.3655, 28.2194

Background



This preview shows how black text looks on a background with the XYZ color 54.3479, 40.3655, 28.2194.



This preview shows how white text looks on a background with the XYZ color 54.3479, 40.3655,

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

54.3479, 40.3655, 28.2194

Protanopia

38.4846, 40.5143, 35.9287

Deuteranopia

41.4596, 40.6071, 27.1255



Tritanopia

54.7991, 40.3238, 31.2806

Trichromacy



Original Color

54.3479, 40.3655, 28.2194



Protanomaly

42.7770, 39.3423, 32.9430



Deuteranomaly

45.4437, 39.8481, 27.4866



Tritanomaly

54.5728, 40.2333, 30.0888

Monochromacy



Original Color

54.3479, 40.3655, 28.2194



Achromatopsia

38.7082, 40.7240, 44.3485



Achromatomaly

42.7555, 39.4789, 37.7145

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3479, 40.3655, 28.2194 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, 135, 136)` looks like.

```
.text, #text, p{  
    color:rgb(255, 135, 136)  
}
```

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, 135, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 135, 136) }
```

Border

The CSS property to change the border of an element to XYZ 54.3479, 40.3655, 28.2194 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, 135, 136) }
```


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

```
.border{ border-color:rgb(255, 135, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 135, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 135, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 135, 136);  
box-shadow:4px 4px 4px 4px rgb(255, 135,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3479, 40.3655, 28.2194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 135, 136) }
```

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

```
.background{ background-color: rgb(255,  
135, 136) }
```

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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