

Converting Colors

XYZ(54.3097, 40.3853, 27.9098)

Have a look what the booklet for
XYZ(54.3097, 40.3853, 27.9098)
contains.

XYZ(54.2771, 40.3372, 27.8468)	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(54.2771, 40.3372,
27.8468)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8787
RGB	255, 135, 135
RGB Percent	100%, 53%, 53%
CMY	0.0000, 0.4706, 0.4706
CMYK	0.00, 0.47, 0.47, 0.00
HSL	0°, 100%, 76%
HSV	0°, 47%, 100%
XYZ	54.2771, 40.3372, 27.8468
YIQ	170.8800, 71.5200, 25.4400

Conversions

Conversions Part 2

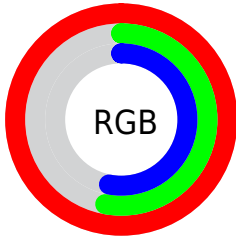
Format	Color
R_{YB}	255, 135, 135
Decimal	16746375
CIE _{Lab}	69.71, 45.39, 20.82
CIE _{LCh}	70, 49.936, 24.645
Yxy	40.3372, 0.4432, 0.3294
Android (android.graphics.Color)	4294936455 (0xFFFF8787)
YUV	170.8800, -17.6888, 73.7732
Hunter-Lab	63.5116, 41.4012, 18.4623

Details

The XYZ color **54.2771, 40.3372, 27.8468** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.7995, 83.8865, 107.4365**, and the grayscale version is **38.7104, 40.7264, 44.3510**.

A 20% lighter version of the original color is **68.7306, 61.7178, 55.8672**, and **26.9051, 18.1598, 10.6815** is the 20% darker color. If you saturate the color by 10%, you get **49.5503, 33.4211, 18.4491**, and if you desaturate by 10%, it is **60.2877, 49.1330, 39.7941**.

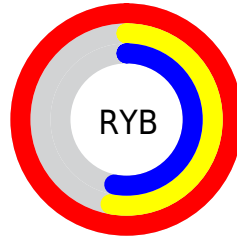
Distribution



Red (100%)

Green (53%)

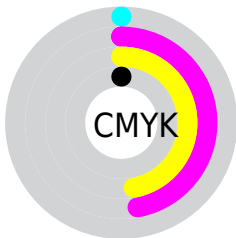
Blue (53%)



Red (100%)

Yellow (53%)

Blue (53%)

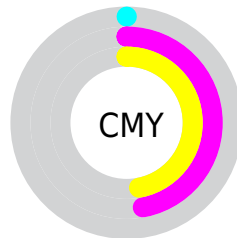


Cyan (0%)

Magenta (47%)

Yellow (47%)

Black (0%)



Cyan (0%)

Magenta (47%)

Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.2771, 40.3372, 27.8468 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 54.2771, 40.3372, 27.8468 by changing the saturation by 10% instead.


 54.2771, 40.3372,
27.8468


 54.2771, 40.3372,
27.8468


393.3469,
347.5428, 305.6230


 39.0548, 27.8016,
17.9722


 95.6355, 75.6767,
57.2599

 26.9833, 18.1761,
10.7608


 122.5023, 99.2494,
77.6355

 17.6972, 11.0765,
5.7941


 153.9813,
127.2698, 102.3484

 10.8312, 6.1183,
2.6535

190.4379,
160.1225, 131.8173

 6.0199, 2.9172,
0.9199

232.2374,
198.1917, 166.4607

 2.8979, 1.0886,
0.0000

279.7451,

 1.1000, 0.0000,

241.8619, 206.6971

0.0000

333.3265,
291.5174, 252.9450

■ 0.0251, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.2771, 40.3372,
27.8468

■ 54.2771, 40.3372,
27.8468

■ 49.5503, 33.4211,
18.4491

■ 60.2877, 49.1330,
39.7941

■ 46.0113, 28.2423,
11.4140

■ 67.6628, 59.9249,
54.4554

■ 43.5554, 24.6485,
6.5322

■ 76.4801, 72.8272,
71.9839

■ 42.0586, 22.4582,
3.5571

■ 86.8107, 87.9438,
92.5209

■ 41.3625, 21.4395, 95.0498, 99.9999,
2.1736 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.



55.9950, 40.3372, 48.2078



54.2771, 40.3372, 27.8468



48.0572, 40.3372, 16.6952

Triad

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



54.2771, 40.3372, 27.8468



27.0060, 40.3372, 22.8659



36.9067, 40.3372, 104.8390

Complementary

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



54.2771, 40.3372, 27.8468



63.7995, 83.8865, 107.4365

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.



30.0286, 40.3372, 91.1623



54.2771, 40.3372, 27.8468



24.8500, 40.3372, 39.8949

Square

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



54.2771, 40.3372, 27.8468



32.2148, 40.3372, 14.6083



25.8736, 40.3372, 65.2266



45.1947, 40.3372, 98.0918

Rectangle

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



54.2771, 40.3372, 27.8468



42.6051, 40.3372, 13.4559



25.8736, 40.3372, 65.2266



34.3682, 40.3372, 102.3670

Sweetspot

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



54.2781, 40.3393, 27.8475



79.4761, 77.2110, 77.9395



67.9539, 45.8081, 99.8677



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.



54.2781, 40.3393, 27.8475



49.9929, 34.0686, 19.3287



65.1283, 62.0396, 31.4643



18.0095, 17.9873, 18.6670



21.5489, 11.1090, 1.0085



2.0982, 1.0817, 0.0982

Inverse Universe

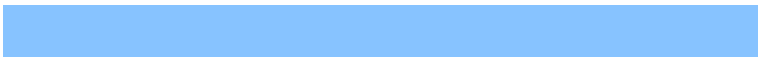
The Inverse Universe completely reimagines the original color for something new.



63.7995, 83.8865, 107.4365



60.5151, 82.1929, 107.2831



47.5569, 51.4013, 102.0223



18.5549, 20.4813, 23.2253



28.1146, 41.1388, 55.8934



2.7374, 4.0056, 5.4421

Previews

White Background



This preview shows how the XYZ color 54.2771, 40.3372, 27.8468 looks on a white background.

Color Contrast Check

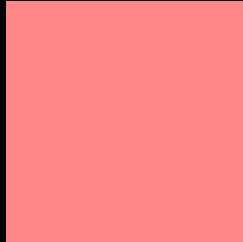
Large Text (above 18pt) WCAG AA × Fail

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 54.2771, 40.3372, 27.8468 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 54.2771, 40.3372, 27.8468

Background



This preview shows how black text looks on a background with the XYZ color 54.2771, 40.3372, 27.8468.



This preview shows how white text looks on a background with the XYZ color 54.2771, 40.3372,

27.8468.

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

54.2771, 40.3372, 27.8468

Protanopia

38.4023, 40.4814, 35.4954

Deuteranopia

41.3921, 40.5801, 26.7702



Tritanopia

54.7991, 40.3238, 31.2806

Trichromacy



Original Color

54.2771, 40.3372, 27.8468



Protanomaly

42.6989, 39.3111, 32.5315



Deuteranomaly

45.3749, 39.8206, 27.1244



Tritanomaly

54.5728, 40.2333, 30.0888

Monochromacy



Original Color

54.2771, 40.3372, 27.8468



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 54.2771, 40.3372, 27.8468 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, 135)` looks like.

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

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, 135) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 54.2771, 40.3372, 27.8468 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, 135) }
```


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

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

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, 135)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 54.2771, 40.3372, 27.8468 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, 135) }
```

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

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

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