

Converting Colors

XYZ(54.1376, 40.2814, 27.1120)

Have a look what the booklet for
XYZ(54.1376, 40.2814, 27.1120)
contains.

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Color

**XYZ(54.1376, 40.2814,
27.1120)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8785
RGB	255, 135, 133
RGB Percent	100%, 53%, 52%
CMY	0.0000, 0.4706, 0.4784
CMYK	0.00, 0.47, 0.48, 0.00
HSL	1°, 100%, 76%
HSV	1°, 48%, 100%
XYZ	54.1376, 40.2814, 27.1120
YIQ	170.6520, 72.1620, 24.8180

Conversions

Conversions Part 2

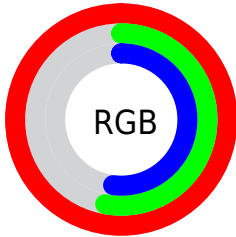
Format	Color
R_{YB}	255, 135, 133
Decimal	16746373
CIE Lab	69.67, 45.20, 21.88
CIE LCh	70, 50.220, 25.831
Yxy	40.2814, 0.4455, 0.3314
Android (android.graphics.Color)	4294936453 (0xFFFF8785)
YUV	170.6520, -18.5624, 73.9732
Hunter-Lab	63.4676, 41.1913, 19.0999

Details

The XYZ color **54.1376, 40.2814, 27.1120** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.8461, 82.4528, 107.2101**, and the grayscale version is **38.6001, 40.6103, 44.2246**.

A 20% lighter version of the original color is **68.5164, 61.6321, 54.7394**, and **26.8657, 18.1440, 10.4737** is the 20% darker color. If you saturate the color by 10%, you get **49.4882, 33.4682, 17.9002**, and if you desaturate by 10%, it is **60.0407, 48.9180, 38.8519**.

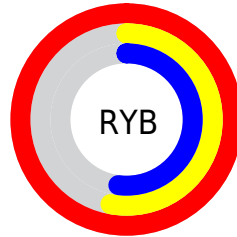
Distribution



Red (100%)

Green (53%)

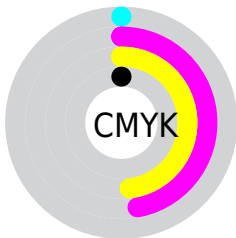
Blue (52%)



Red (100%)

Yellow (53%)

Blue (52%)

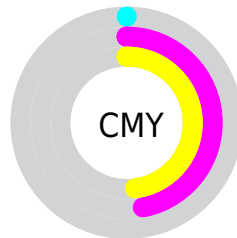


Cyan (0%)

Magenta (47%)

Yellow (48%)

Black (0%)



Cyan (0%)


Magenta (47%)


Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.1376, 40.2814, 27.1120 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 54.1376, 40.2814, 27.1120 by changing the saturation by 10% instead.

 54.1376, 40.2814,
27.1120


 54.1376, 40.2814,
27.1120


392.8243,
347.3082, 301.9763


 38.9428, 27.7580,
17.4242


 95.4320, 75.5918,
56.0695

 26.8957, 18.1433,
10.3722


 122.2622, 99.1477,
76.1762

 17.6311, 11.0529,
5.5376


 153.7017,
127.1498, 100.5929

 10.7836, 6.1025,
2.5018

190.1157,
159.9825, 129.7383

 5.9877, 2.9075,
0.8411

231.8696,
198.0304, 164.0307

 2.8782, 1.0836,
0.0000

279.3288,

 1.0897, 0.0000,

241.6777, 203.8889

0.0000

332.8585,
291.3088, 249.7312

■ 0.0165, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.1376, 40.2814,
27.1120

■ 54.1376, 40.2814,
27.1120

■ 49.4882, 33.4682,
17.9002

■ 60.0407, 48.9180,
38.8519

■ 45.9993, 28.3420,
11.0290

■ 67.2760, 59.4892,
53.2847

■ 43.5696, 24.7576,
6.2883

■ 75.9188, 72.1046,
70.5635

■ 42.0790, 22.5425,
3.4297

■ 86.0382, 86.8638,
90.8296

■ 41.3743, 21.4805, 95.0499, 99.9999,
2.1235 108.9000

■ 41.2854, 21.3510,
1.9452

Harmonies

Analogous

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



56.0745, 40.2814, 47.1928



54.1376, 40.2814, 27.1120



47.7466, 40.2814, 16.2812

Triad

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



54.1376, 40.2814, 27.1120



26.7616, 40.2814, 23.2264



37.1619, 40.2814, 105.3184

Complementary

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



54.1376, 40.2814, 27.1120



62.8461, 82.4528, 107.2101

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.



30.1661, 40.2814, 92.2633



54.1376, 40.2814, 27.1120



24.7244, 40.2814, 40.6871

Square

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



54.1376, 40.2814, 27.1120



31.8753, 40.2814, 14.6585



25.8771, 40.2814, 66.3827



45.5039, 40.2814, 97.7062

Rectangle

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



54.1376, 40.2814, 27.1120



42.2386, 40.2814, 13.2116



25.8771, 40.2814, 66.3827



34.5885, 40.2814, 103.1059

Sweetspot

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



54.1386, 40.2835, 27.1127



79.6293, 77.5175, 77.9905



67.6775, 45.2552, 99.7756



16.5922, 15.9330, 15.7889



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.



54.1386, 40.2835, 27.1127



49.8341, 33.9755, 18.5835



64.7654, 61.5371, 30.6550



18.0333, 18.0349, 18.6749



21.5829, 11.1771, 1.0198



2.1095, 1.1044, 0.1020

Inverse Universe

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



62.8461, 82.4528, 107.2101



59.4390, 80.5167, 107.0163



47.0148, 50.7903, 101.9330



18.5278, 20.4271, 23.2163



27.4370, 39.7837, 55.6675



2.6793, 3.8894, 5.4228

Previews

White Background



This preview shows how the XYZ color 54.1376, 40.2814, 27.1120 looks on a white background.

Color Contrast Check

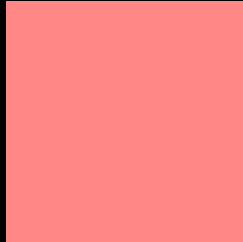
Large Text (above 18pt) WCAG AA × Fail

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 54.1376, 40.2814, 27.1120 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 54.1376, 40.2814, 27.1120

Background



This preview shows how black text looks on a background with the XYZ color 54.1376, 40.2814, 27.1120.



This preview shows how white text looks on a background with the XYZ color 54.1376, 40.2814,

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

54.1376, 40.2814, 27.1120

Protanopia

38.2398, 40.4164, 34.6399

Deuteranopia

41.2591, 40.5269, 26.0700



Tritanopia

54.7230, 40.2934, 30.8798

Trichromacy



Original Color

54.1376, 40.2814, 27.1120

Protanomaly

42.5446, 39.2494, 31.7191

Deuteranomaly

45.2393, 39.7663, 26.4104

Tritanomaly

54.4253, 40.1743, 29.3120

Monochromacy



Original Color

54.1376, 40.2814, 27.1120

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

42.6698, 39.4446, 37.2629

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.1376, 40.2814, 27.1120 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, 133)` looks like.

```
.text, #text, p{  
    color:rgb(255, 135, 133)  
}
```

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, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 135, 133) }
```

Border

The CSS property to change the border of an element to XYZ 54.1376, 40.2814, 27.1120 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, 133) }
```


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

```
.border{ border-color:rgb(255, 135, 133) }
```

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, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 135, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 135, 133);  
box-shadow:4px 4px 4px 4px rgb(255, 135,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 54.1376, 40.2814, 27.1120 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, 133) }
```

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

```
.background{ background-color: rgb(255,  
135, 133) }
```

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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