

Converting Colors

XYZ(72.1737, 49.2207, 30.2215)

Have a look what the booklet for
XYZ(72.1737, 49.2207, 30.2215)
contains.

XYZ(54.4253, 40.1743, 29.3120)	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(54.4253, 40.1743,
29.3120)**

Conversions

Conversions Part 1

Format	Color
Hex	FF868B
RGB	255, 134, 139
RGB Percent	100%, 53%, 55%
CMY	0.0000, 0.4745, 0.4549
CMYK	0.00, 0.47, 0.45, 0.00
HSL	358°, 100%, 76%
HSV	358°, 47%, 100%
XYZ	54.4253, 40.1743, 29.3120
YIQ	170.7490, 70.5110, 27.2070

Conversions

Conversions Part 2

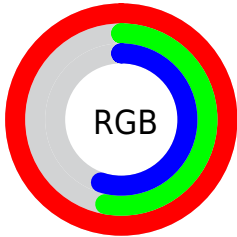
Format	Color
R _Y B	255, 134, 139
Decimal	16746123
CIE Lab	69.59, 46.26, 18.44
CIE LCh	70, 49.801, 21.727
Yxy	40.1743, 0.4392, 0.3242
Android (android.graphics.Color)	4294936203 (0xFFFF868B)
YUV	170.7490, -15.6523, 73.8881
Hunter-Lab	63.3832, 42.3521, 16.9492

Details

The XYZ color **54.4253, 40.1743, 29.3120** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.8490, 83.4913, 103.2506**, and the grayscale version is **38.6352, 40.6472, 44.2648**.

A 20% lighter version of the original color is **68.9520, 61.4610, 58.0982**, and **26.9937, 18.0755, 11.5174** is the 20% darker color. If you saturate the color by 10%, you get **49.7250, 33.3200, 19.8959**, and if you desaturate by 10%, it is **60.3766, 48.8916, 41.1163**.

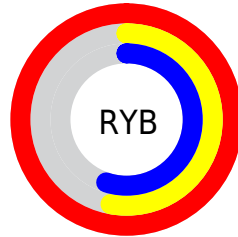
Distribution



Red (100%)

Green (53%)

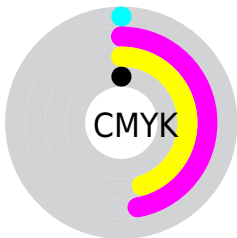
Blue (55%)



Red (100%)

Yellow (53%)

Blue (55%)

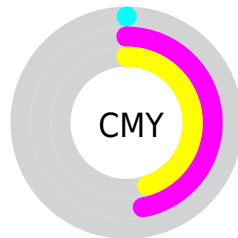


Cyan (0%)

Magenta (47%)

Yellow (45%)

Black (0%)



Cyan (0%)


Magenta (47%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.4253, 40.1743, 29.3120 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 54.4253, 40.1743, 29.3120 by changing the saturation by 10% instead.


 54.4253, 40.1743,
29.3120


 54.4253, 40.1743,
29.3120


393.9017,
346.8577, 312.7911


 39.1738, 27.6745,
19.0694


 95.8517, 75.4289,
59.6205

 27.0763, 18.0804,
11.5431


 122.7572, 98.9524,
80.5235

 17.7674, 11.0077,
6.3146


 154.2782,
126.9192, 105.8170

 10.8818, 6.0720,
2.9655

190.7800,
159.7139, 135.9195

 6.0541, 2.8889,
1.0770

232.6278,
197.7206, 171.2496

 2.9190, 1.0740,
0.0000

280.1872,

 1.1111, 0.0000,

241.3239, 212.2259

0.0000

333.8233,
290.9081, 259.2669

■ 0.0343, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.4253, 40.1743,
29.3120

■ 54.4253, 40.1743,
29.3120

■ 49.7250, 33.3200,
19.8959

■ 60.3766, 48.8916,
41.1163

■ 46.1837, 28.1876,
12.7031

■ 67.6564, 59.5874,
55.4540

■ 43.7016, 24.6260,
7.5516

■ 76.3391, 72.3750,
72.4612

■ 42.1605, 22.4550,
4.2293

■ 86.4931, 87.3574,
92.2640

■ 41.4099, 21.4409,
2.4766

95.0499, 99.9999,
108.9000

■ 41.2976, 21.2830,
2.2338

Harmonies

Analogous

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



55.6215, 40.1743, 50.4292



54.4253, 40.1743, 29.3120



48.5854, 40.1743, 17.3738

Triad

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



54.4253, 40.1743, 29.3120



27.2860, 40.1743, 21.6470



36.0025, 40.1743, 103.8307

Complementary

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



54.4253, 40.1743, 29.3120



62.8490, 83.4913, 103.2506

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.



29.3852, 40.1743, 88.5336



54.4253, 40.1743, 29.3120



24.8355, 40.1743, 37.6755

Square

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



54.4253, 40.1743, 29.3120



32.7415, 40.1743, 14.1533



25.5460, 40.1743, 62.2699



44.1995, 40.1743, 99.1253

Rectangle

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



54.4253, 40.1743, 29.3120



43.2408, 40.1743, 13.7273



25.5460, 40.1743, 62.2699



33.5385, 40.1743, 100.7089

Sweetspot

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



54.4263, 40.1764, 29.3127



79.6708, 77.2881, 78.9674



65.6252, 44.4029, 99.7193



16.6022, 15.8782, 16.0224



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.



54.4263, 40.1764, 29.3127



49.9102, 33.5893, 20.2689



63.6239, 59.1422, 30.6193



18.0398, 17.9992, 18.8265



21.5920, 11.1261, 1.2362



2.1125, 1.0874, 0.1741

Inverse Universe

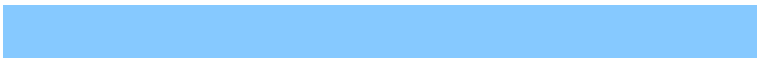
The Inverse Universe completely reimagines the original color for something new.



54.4263, 40.1764, 29.3127



49.9102, 33.5893, 20.2689



48.6653, 53.8543, 102.4375



18.0398, 17.9992, 18.8265



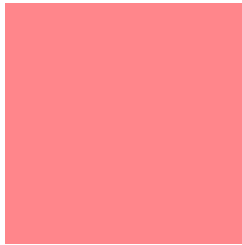
21.5920, 11.1261, 1.2362



2.1125, 1.0874, 0.1741

Previews

White Background



This preview shows how the XYZ color 54.4253, 40.1743, 29.3120 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 54.4253, 40.1743, 29.3120 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 54.4253, 40.1743, 29.3120

Background



This preview shows how black text looks on a background with the XYZ color 54.4253, 40.1743, 29.3120.



This preview shows how white text looks on a background with the XYZ color 54.4253, 40.1743,

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

54.4253, 40.1743, 29.3120

Protanopia

38.5920, 40.5309, 37.6875

Deuteranopia

41.1317, 40.4143, 28.1871



Tritanopia

54.7230, 40.2934, 30.8798

Trichromacy



Original Color

54.4253, 40.1743, 29.3120



Protanomaly

42.7388, 39.2951, 34.1863



Deuteranomaly

45.0486, 39.6201, 28.5657



Tritanomaly

54.6476, 40.2632, 30.4825

Monochromacy



Original Color

54.4253, 40.1743, 29.3120



Achromatopsia

38.7082, 40.7240, 44.3485



Achromatomaly

42.8420, 39.5135, 38.1697

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4253, 40.1743, 29.3120 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, 134, 139)` looks like.

```
.text, #text, p{  
    color:rgb(255, 134, 139)  
}
```

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, 134, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 134, 139) }
```

Border

The CSS property to change the border of an element to XYZ 54.4253, 40.1743, 29.3120 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, 134, 139) }
```


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

```
.border{ border-color:rgb(255, 134, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 134, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 134, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 134, 139);  
box-shadow:4px 4px 4px 4px rgb(255, 134,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4253, 40.1743, 29.3120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 134, 139) }
```

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

```
.background{ background-color: rgb(255,  
134, 139) }
```

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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