

Converting Colors

XYZ(54.9912, 40.0931, 33.2404)

Have a look what the booklet for
XYZ(54.9912, 40.0931, 33.2404)
contains.

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Color

**XYZ(55.0523, 40.2050,
33.2925)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8595
RGB	255, 133, 149
RGB Percent	100%, 52%, 58%
CMY	0.0000, 0.4784, 0.4157
CMYK	0.00, 0.48, 0.42, 0.00
HSL	352°, 100%, 76%
HSV	352°, 48%, 100%
XYZ	55.0523, 40.2050, 33.2925
YIQ	171.3020, 67.5760, 30.8400

Conversions

Conversions Part 2

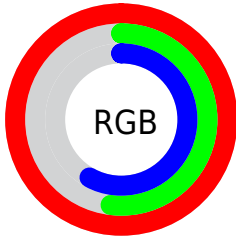
Format	Color
R _Y B	255, 133, 149
Decimal	16745877
CIE Lab	69.62, 47.76, 12.87
CIE LCh	70, 49.462, 15.087
Yxy	40.2050, 0.4283, 0.3128
Android (android.graphics.Color)	4294935957 (0xFFFF8595)
YUV	171.3020, -10.9949, 73.4031
Hunter-Lab	63.4074, 44.0163, 13.2546

Details

The XYZ color **55.0523, 40.2050, 33.2925** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **61.0149, 82.7393, 94.4209**, and the grayscale version is **38.8915, 40.9169, 44.5585**.

A 20% lighter version of the original color is **70.0027, 61.5382, 64.6884**, and **27.5063, 18.0759, 13.5945** is the 20% darker color. If you saturate the color by 10%, you get **50.3713, 33.4098, 23.8193**, and if you desaturate by 10%, it is **60.9193, 48.8335, 44.8220**.

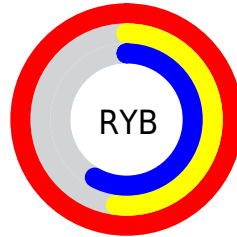
Distribution



Red (100%)

Green (52%)

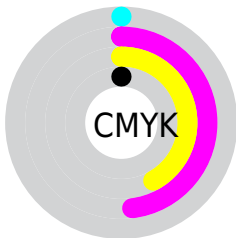
Blue (58%)



Red (100%)

Yellow (52%)

Blue (58%)

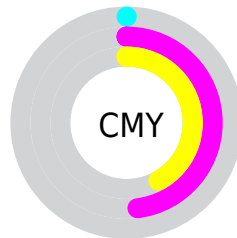


Cyan (0%)

Magenta (48%)

Yellow (42%)

Black (0%)



Cyan (0%)


Magenta (48%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.0523, 40.2050, 33.2925 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 55.0523, 40.2050, 33.2925 by changing the saturation by 10% instead.


 55.0523, 40.2050,
33.2925


 55.0523, 40.2050,
33.2925


396.2433,
346.9869, 331.6380


 39.6776, 27.6984,
22.0777


 96.7655, 75.4756,
65.9532

 27.4704, 18.0984,
13.7151


 123.8346, 99.0084,
88.2361

 18.0652, 11.0207,
7.7863

 155.5327,
126.9853, 115.0455

 11.0968, 6.0808,
3.8727

192.2249,
159.7909, 146.7999

 6.1997, 2.8942,
1.5558

234.2768,
197.8094, 183.9178

 3.0087, 1.0768,
0.2590

282.0535,

 1.1584, 0.0000,

241.4253, 226.8177

0.0000

335.9206,
291.0230, 275.9183

■ 0.0731, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.0523, 40.2050,
33.2925

■ 55.0523, 40.2050,
33.2925

■ 50.3713, 33.4098,
23.8193

■ 60.9193, 48.8335,
44.8220

■ 46.7915, 28.3092,
16.2785

■ 68.0428, 59.4084,
58.5171

■ 44.2220, 24.7551,
10.5363

■ 76.4915, 72.0409,
74.4819

■ 42.5556, 22.5705,
6.4405

■ 86.3285, 86.8322,
92.8134

■ 41.6530, 21.5208,
3.8107

95.0499, 99.9999,
108.9000

■ 41.5205, 21.3722,
3.4075

Harmonies

Analogous

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



55.0677, 40.2050, 56.1063



55.0523, 40.2050, 33.2925



50.1212, 40.2050, 19.4227

Triad

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



55.0523, 40.2050, 33.2925



28.3323, 40.2050, 19.4776



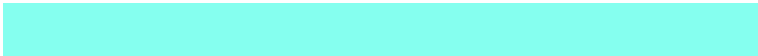
34.3941, 40.2050, 101.5546

Complementary

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



55.0523, 40.2050, 33.2925



61.0149, 82.7393, 94.4209

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.



28.3593, 40.2050, 82.9201



55.0523, 40.2050, 33.2925



25.2058, 40.2050, 33.3998

Square

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



55.0523, 40.2050, 33.2925



34.3522, 40.2050, 13.5515



25.2149, 40.2050, 56.2582



42.3541, 40.2050, 101.4942

Rectangle

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



55.0523, 40.2050, 33.2925



45.0586, 40.2050, 14.7658



25.2149, 40.2050, 56.2582



32.0996, 40.2050, 97.0446

Sweetspot

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



55.0534, 40.2071, 33.2932



80.1017, 77.4605, 81.2365



61.9454, 42.3016, 99.5076



16.7055, 15.9195, 16.5664



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.



55.0534, 40.2071, 33.2932



50.7211, 33.9136, 24.5391



61.3424, 54.6903, 29.5163



18.1063, 18.0258, 19.1769



21.7250, 11.1793, 1.9366



2.1439, 1.0999, 0.3393

Inverse Universe

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



55.0534, 40.2071, 33.2932



50.7211, 33.9136, 24.5391



50.8372, 58.4334, 103.2068



18.1063, 18.0258, 19.1769



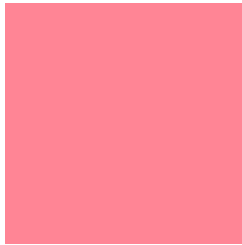
21.7250, 11.1793, 1.9366



2.1439, 1.0999, 0.3393

Previews

White Background



This preview shows how the XYZ color 55.0523, 40.2050, 33.2925 looks on a white background.

Color Contrast Check

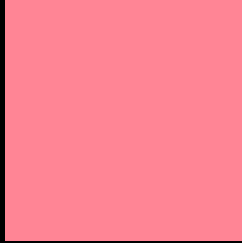
Large Text (above 18pt) WCAG AA × Fail

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 55.0523, 40.2050, 33.2925 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 55.0523, 40.2050, 33.2925

Background



This preview shows how black text looks on a background with the XYZ color 55.0523, 40.2050, 33.2925.



This preview shows how white text looks on a background with the XYZ color 55.0523, 40.2050,

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

55.0523, 40.2050, 33.2925

Protanopia

38.9917, 40.6127, 43.3201

Deuteranopia

41.0745, 40.3003, 31.9994



Tritanopia

54.7991, 40.3238, 31.2806

Trichromacy



Original Color

55.0523, 40.2050, 33.2925



Protanomaly

43.2072, 39.4191, 39.5138



Deuteranomaly

45.1948, 39.6095, 32.4575



Tritanomaly

54.9534, 40.3855, 32.0930

Monochromacy



Original Color

55.0523, 40.2050, 33.2925



Achromatopsia

38.7082, 40.7240, 44.3485



Achromatomaly

43.0250, 39.3148, 39.9712

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.0523, 40.2050, 33.2925 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, 133, 149)` looks like.

```
.text, #text, p{  
    color:rgb(255, 133, 149)  
}
```

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, 133, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 133, 149) }
```

Border

The CSS property to change the border of an element to XYZ 55.0523, 40.2050, 33.2925 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, 133, 149) }
```


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

```
.border{ border-color:rgb(255, 133, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 133, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 133, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 133, 149);  
box-shadow:4px 4px 4px 4px rgb(255, 133,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 55.0523, 40.2050, 33.2925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 133, 149) }
```

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

```
.background{ background-color: rgb(255,  
133, 149) }
```

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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