

Converting Colors

XYZ(55.8188, 42.3522, 33.9327)

Have a look what the booklet for
XYZ(55.8188, 42.3522, 33.9327)
contains.

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Color

**XYZ(55.9029, 42.3226,
34.0768)**

Conversions

Conversions Part 1

Format	Color
Hex	FE8D96
RGB	254, 141, 150
RGB Percent	100%, 55%, 59%
CMY	0.0039, 0.4470, 0.4118
CMYK	0.00, 0.44, 0.41, 0.00
HSL	355°, 98%, 77%
HSV	355°, 44%, 100%
XYZ	55.9029, 42.3226, 34.0768
YIQ	175.8130, 64.4590, 26.7550

Conversions

Conversions Part 2

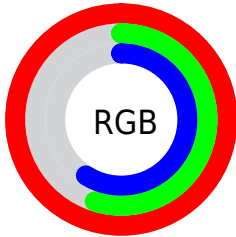
Format	Color
R_{YB}	254, 141, 150
Decimal	16682390
CIE _{Lab}	71.09, 43.52, 14.37
CIE _{LCh}	71, 45.836, 18.273
Yxy	42.3226, 0.4225, 0.3199
Android (android.graphics.Color)	4294872470 (0xFFFE8D96)
YUV	175.8130, -12.7258, 68.5700
Hunter-Lab	65.0558, 39.5385, 14.4825

Details

The XYZ color **55.9029, 42.3226, 34.0768** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.9098, 83.1397, 99.1230**, and the grayscale version is **41.2113, 43.3575, 47.2163**.

A 20% lighter version of the original color is **71.8790, 65.0995, 65.9038**, and **27.9900, 19.3496, 14.0640** is the 20% darker color. If you saturate the color by 10%, you get **50.8794, 34.9937, 24.0228**, and if you desaturate by 10%, it is **62.1629, 51.5234, 46.3965**.

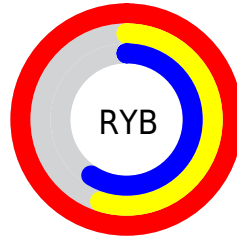
Distribution



Red (100%)

Green (55%)

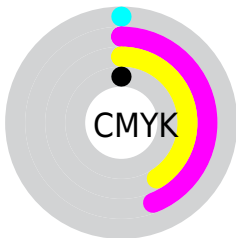
Blue (59%)



Red (100%)

Yellow (55%)

Blue (59%)

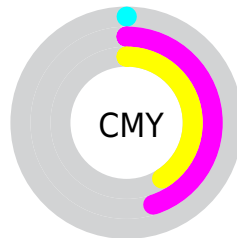


Cyan (0%)

Magenta (44%)

Yellow (41%)

Black (0%)



Cyan (0%)


Magenta (45%)


Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.9029, 42.3226, 34.0768 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 55.9029, 42.3226, 34.0768 by changing the saturation by 10% instead.


 55.9029, 42.3226,
34.0768


 55.9029, 42.3226,
34.0768


399.4064,
355.8185, 335.2540

 40.3618, 29.3540,
22.6748


 98.0032, 78.6876,
67.1883

 28.0062, 19.3488,
14.1505


 125.2931,
102.8528, 89.7349

 18.4708, 11.9226,
8.0855


157.2300,
131.5190, 116.8335

 11.3903, 6.6910,
4.0611

194.1792,
165.0706, 148.9024

 6.3992, 3.2696,
1.6589

236.5061,
203.8919, 186.3605

 3.1323, 1.2740,
0.3324

284.5760,

 1.2241, 0.1210,

248.3674, 229.6260

0.0000

338.7544,
298.8815, 279.1177

■ 0.1253, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.9029, 42.3226,
34.0768

■ 55.9029, 42.3226,
34.0768

■ 50.8794, 34.9937,
24.0228

■ 62.1629, 51.5234,
46.3965

■ 47.0071, 29.4023,
16.0940

■ 69.7306, 62.7056,
61.1059

■ 44.1952, 25.4065,
10.1381

■ 78.6755, 75.9779,
78.3230

■ 42.3377, 22.8390,
5.9812

■ 89.0615, 91.4393,
98.1571

■ 41.3061, 21.4955,
3.4189

94.6829, 99.8108,
108.8828

■ 41.0011, 21.1221,
2.5880

Harmonies

Analogous

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



56.4469, 42.3226, 55.2021



55.9029, 42.3226, 34.0768



50.8521, 42.3226, 21.2179

Triad

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



55.9029, 42.3226, 34.0768



30.2012, 42.3226, 23.3151



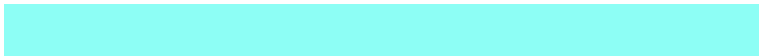
37.3053, 42.3226, 100.9794

Complementary

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



55.9029, 42.3226, 34.0768



62.9098, 83.1397, 99.1230

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.



31.1946, 42.3226, 85.2958



55.9029, 42.3226, 34.0768



27.4553, 42.3226, 38.0263

Square

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



55.9029, 42.3226, 34.0768



35.7810, 42.3226, 16.5036



27.7942, 42.3226, 60.6201



45.0255, 42.3226, 98.8900

Rectangle

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



55.9029, 42.3226, 34.0768



45.9312, 42.3226, 16.9462



27.7942, 42.3226, 60.6201



35.0146, 42.3226, 97.4497

Sweetspot

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



55.9040, 42.3247, 34.0776



80.8424, 78.8313, 81.8240



64.9264, 45.5453, 99.1348



16.8406, 16.1850, 16.6266



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.



55.9040, 42.3247, 34.0776



52.0086, 36.2850, 25.5960



63.6831, 58.9979, 33.2335



18.0680, 18.0105, 18.9755



21.6366, 11.1439, 1.4709



2.1259, 1.0927, 0.2446

Inverse Universe

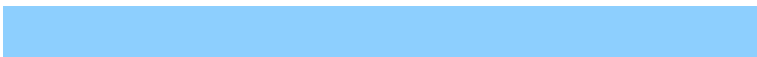
The Inverse Universe completely reimagines the original color for something new.



55.9040, 42.3247, 34.0776



52.0086, 36.2850, 25.5960



51.1684, 57.4058, 102.1492



18.0680, 18.0105, 18.9755



21.6366, 11.1439, 1.4709



2.1259, 1.0927, 0.2446

Previews

White Background



This preview shows how the XYZ color 55.9029, 42.3226, 34.0768 looks on a white background.

Color Contrast Check

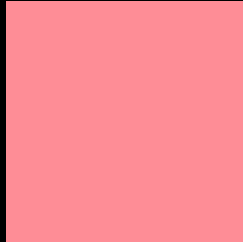
Large Text (above 18pt) WCAG AA × Fail

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 55.9029, 42.3226, 34.0768 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 55.9029, 42.3226, 34.0768

Background



This preview shows how black text looks on a background with the XYZ color 55.9029, 42.3226, 34.0768.



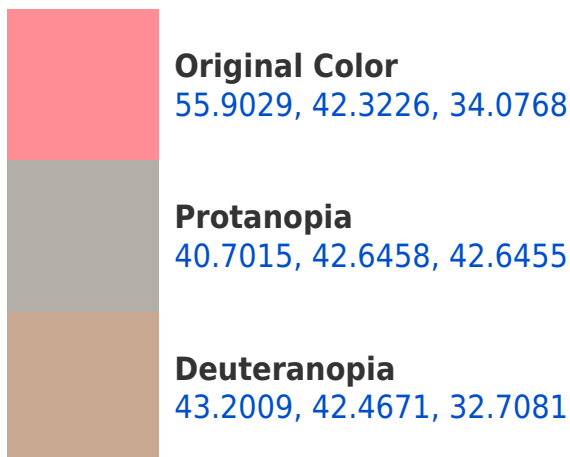
This preview shows how white text looks on a background with the XYZ color 55.9029, 42.3226,

34.0768.

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

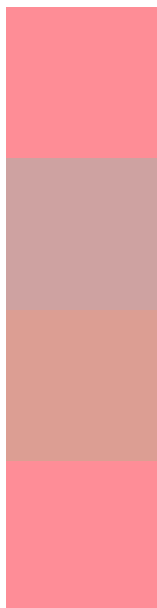




Tritanopia

55.9838, 42.3549, 34.5028

Trichromacy



Original Color

55.9029, 42.3226, 34.0768

Protanomaly

44.8070, 41.5357, 39.3738

Deuteranomaly

47.0085, 41.7759, 33.1897

Tritanomaly

55.9838, 42.3549, 34.5028

Monochromacy



Original Color

55.9029, 42.3226, 34.0768

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

44.9741, 41.8218, 42.2612

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.9029, 42.3226, 34.0768 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(254, 141, 150)` looks like.

```
.text, #text, p{  
    color:rgb(254, 141, 150)  
}
```

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(254, 141, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 141, 150) }
```

Border

The CSS property to change the border of an element to XYZ 55.9029, 42.3226, 34.0768 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(254, 141, 150) }
```


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

```
.border{ border-color:rgb(254, 141, 150) }
```

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

Here you see how a box with a 4 pixel rgb(254, 141, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 141, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 141, 150);  
box-shadow:4px 4px 4px 4px rgb(254, 141,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 55.9029, 42.3226, 34.0768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 141, 150) }
```

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

```
.background{ background-color: rgb(254,  
141, 150) }
```

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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