

Converting Colors

XYZ(67.4424, 39.4171, 59.8532)

Have a look what the booklet for
XYZ(67.4424, 39.4171, 59.8532)
contains.

XYZ(55.9034, 33.5297, 59.4026)	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(55.9034, 33.5297,
59.4026)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5ECA
RGB	255, 94, 202
RGB Percent	100%, 37%, 79%
CMY	0.0000, 0.6313, 0.2078
CMYK	0.00, 0.63, 0.21, 0.00
HSL	320°, 100%, 68%
HSV	320°, 63%, 100%
XYZ	55.9034, 33.5297, 59.4026
YIQ	154.4510, 61.2880, 67.7200

Conversions

Conversions Part 2

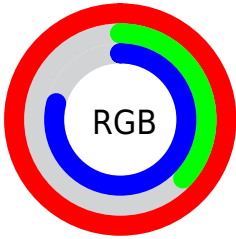
Format	Color
R _{YB}	255, 94, 202
Decimal	16735946
CIE Lab	64.59, 71.57, -24.48
CIE LCh	65, 75.636, 341.117
Yxy	33.5297, 0.3756, 0.2253
Android (android.graphics.Color)	4294926026 (0xFFFF5ECA)
YUV	154.4510, 23.4417, 88.1815
Hunter-Lab	57.9048, 70.9968, -20.2902

Details

The XYZ color **55.9034, 33.5297, 59.4026** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **45.6441, 76.0070, 39.8722**, and the grayscale version is **30.7961, 32.3999, 35.2835**.

A 20% lighter version of the original color is **70.6812, 51.2625, 100.7771**, and **28.1379, 14.3140, 29.2968** is the 20% darker color. If you saturate the color by 10%, you get **53.0314, 29.3334, 53.6740**, and if you desaturate by 10%, it is **59.5797, 39.2480, 65.6668**.

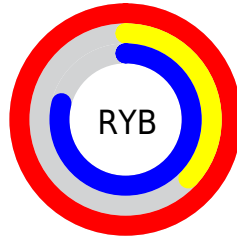
Distribution



Red (100%)

Green (37%)

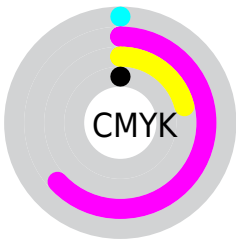
Blue (79%)



Red (100%)

Yellow (37%)

Blue (79%)

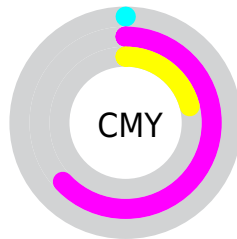


Cyan (0%)

Magenta (63%)

Yellow (21%)

Black (0%)



Cyan (0%)


Magenta (63%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.9034, 33.5297, 59.4026 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 55.9034, 33.5297, 59.4026 by changing the saturation by 10% instead.

 55.9034, 33.5297,
59.4026


 55.9034, 33.5297,
59.4026


399.4083,
318.0299, 440.1356


 40.3622, 22.5325,
42.5152

 98.0040, 65.2016,
105.4974


 28.0065, 14.2487,
29.1763


 125.2940, 86.6452,
135.5419

 18.4710, 8.2939,
18.9675


 157.2310,
112.3397, 170.8092

 11.3904, 4.2836,
11.4702

 194.1804,
142.6695, 211.7177

 6.3993, 1.8334,
6.2659

236.5074,
178.0191, 258.6861

 3.1323, 0.5079,
2.9361

284.5775,

 1.2241, 0.0000,

218.7727, 312.1328

1.0621

338.7560,
265.3148, 372.4765

■ 0.1253, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.9034, 33.5297,
59.4026

■ 55.9034, 33.5297,
59.4026

■ 53.0314, 29.3334,
53.6740

■ 59.5797, 39.2480,
65.6668

■ 50.8835, 26.5001,
48.4491

■ 64.1253, 46.6169,
72.4913

■ 49.3659, 24.8439,
43.6925

■ 69.6010, 55.7568,
79.9007

■ 48.5957, 24.2023,
40.6645

■ 76.0612, 66.7755,
87.9172

83.5562, 79.7721,
96.5613

92.1327, 94.8386,
105.8523

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



47.6126, 33.5297, 102.3632



55.9034, 33.5297, 59.4026



56.9715, 33.5297, 26.1768

Triad

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



55.9034, 33.5297, 59.4026



28.0212, 33.5297, 3.6909



18.6175, 33.5297, 91.4245

Complementary

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



55.9034, 33.5297, 59.4026



45.6441, 76.0070, 39.8722

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.



15.4953, 33.5297, 49.2527



55.9034, 33.5297, 59.4026



20.0458, 33.5297, 7.4940

Square

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



55.9034, 33.5297, 59.4026



39.0923, 33.5297, 4.1633



15.9510, 33.5297, 20.4124



25.5952, 33.5297, 126.9649

Rectangle

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



55.9034, 33.5297, 59.4026



53.2203, 33.5297, 13.5518



15.9510, 33.5297, 20.4124



17.1624, 33.5297, 76.8002

Sweetspot

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



55.9042, 33.5313, 59.4032



79.0313, 71.9029, 91.4133



33.7286, 21.2457, 96.9309



16.4720, 14.6230, 19.0460



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.



55.9042, 33.5313, 59.4032



52.3454, 28.3893, 52.1263



48.8515, 30.7102, 22.2642



18.5234, 18.1927, 21.3736



25.4641, 12.6750, 21.6264



2.5298, 1.2543, 2.3715

Inverse Universe

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



55.9042, 33.5313, 59.4032



52.3454, 28.3893, 52.1263



54.0339, 79.3629, 84.0522



18.5234, 18.1927, 21.3736



25.4641, 12.6750, 21.6264



2.5298, 1.2543, 2.3715

Previews

White Background



This preview shows how the XYZ color 55.9034, 33.5297, 59.4026 looks on a white background.

Color Contrast Check

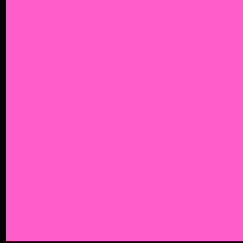
Large Text (above 18pt) WCAG AA × Fail

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 55.9034, 33.5297, 59.4026 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

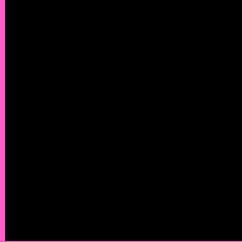
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.9034, 33.5297, 59.4026

Background



This preview shows how black text looks on a background with the XYZ color 55.9034, 33.5297, 59.4026.



This preview shows how white text looks on a background with the XYZ color 55.9034, 33.5297,

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

55.9034, 33.5297, 59.4026

Protanopia

36.5249, 34.0261, 93.4496

Deuteranopia

34.5077, 33.8315, 55.1635



Tritanopia

48.2416, 33.3962, 22.3159

Trichromacy



Original Color

55.9034, 33.5297, 59.4026



Protanomaly

39.2526, 30.8181, 79.4810



Deuteranomaly

39.7009, 31.5644, 56.2246



Tritanomaly

50.6273, 33.2590, 33.0294

Monochromacy



Original Color

55.9034, 33.5297, 59.4026



Achromatopsia

30.7148, 32.3143, 35.1903



Achromatomaly

37.0878, 30.5192, 42.4641

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.9034, 33.5297, 59.4026 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, 94, 202)` looks like.

```
.text, #text, p{  
    color:rgb(255, 94, 202)  
}
```

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, 94, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 94, 202) }
```

Border

The CSS property to change the border of an element to XYZ 55.9034, 33.5297, 59.4026 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, 94, 202) }
```


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

```
.border{ border-color:rgb(255, 94, 202) }
```

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

Here you see how a box with a 4 pixel rgb(255, 94, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 94, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 94, 202);  
box-shadow:4px 4px 4px 4px rgb(255, 94,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 55.9034, 33.5297, 59.4026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 94, 202) }
```

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

```
.background{ background-color: rgb(255, 94,  
202) }
```

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