

Converting Colors

XYZ(52.5304, 34.7702, 60.4332)

Have a look what the booklet for
XYZ(52.5304, 34.7702, 60.4332)
contains.

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Color

**XYZ(52.3934, 34.6971,
60.4357)**

Conversions

Conversions Part 1

Format	Color
Hex	EF72CB
RGB	239, 114, 203
RGB Percent	94%, 45%, 80%
CMY	0.0627, 0.5529, 0.2039
CMYK	0.00, 0.52, 0.15, 0.06
HSL	317°, 80%, 69%
HSV	317°, 52%, 94%
XYZ	52.3934, 34.6971, 60.4357
YIQ	161.5210, 45.9310, 54.1790

Conversions

Conversions Part 2

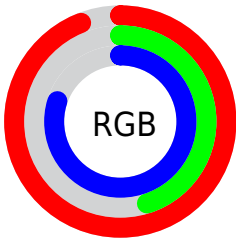
Format	Color
RYB	239, 114, 203
Decimal	15692491
CIELab	65.51, 58.62, -23.83
CIELCh	66, 63.279, 337.881
Yxy	34.6971, 0.3551, 0.2352
Android (android.graphics.Color)	4293882571 (0xFFEF72CB)
YUV	161.5210, 20.4491, 67.9491
Hunter-Lab	58.9042, 55.6875, -19.5985

Details

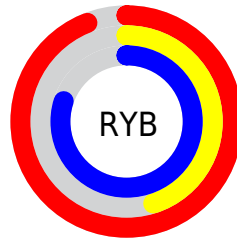
The XYZ color **52.3934, 34.6971, 60.4357** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **43.3126, 67.5136, 39.6055**, and the grayscale version is **34.0126, 35.7839, 38.9687**.

A 20% lighter version of the original color is **73.6647, 57.2295, 101.7716**, and **25.7603, 14.8993, 29.9519** is the 20% darker color. If you saturate the color by 10%, you get **49.2392, 29.6720, 55.4266**, and if you desaturate by 10%, it is **56.2904, 41.1484, 65.8728**.

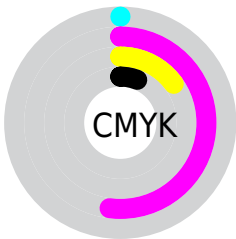
Distribution



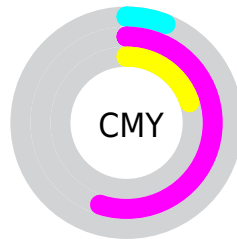
- Red (94%)
- Green (45%)
- Blue (80%)



- Red (94%)
- Yellow (45%)
- Blue (80%)



- Cyan (0%)
- Magenta (52%)
- Yellow (15%)
- Black (6%)





- Cyan (6%)
- Magenta (55%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.3934, 34.6971, 60.4357 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 52.3934, 34.6971, 60.4357 by changing the saturation by 10% instead.


 52.3934, 34.6971,
60.4357


 52.3934, 34.6971,
60.4357

386.2525,
323.2293, 444.0510


 37.5443, 23.4296,
43.3423


 92.8820, 67.0163,
107.0110

 25.8048, 14.9111,
29.8204

 119.2521, 88.8368,
137.3300

 16.8096, 8.7570,
19.4514


 150.1933,
114.9437, 172.8946

 10.1933, 4.5830,
11.8168

186.0709,
145.7215, 214.1234

 5.5905, 2.0048,
6.4980

227.2503,
181.5546, 261.4349

 2.6360, 0.6102,
3.0766

274.0968,

 0.9643, 0.0000,

222.8273, 315.2477

1.1339

326.9757,
269.9241, 375.9802

■ 0.0000, 0.0000,
0.0000

■ 52.3934, 34.6971,
60.4357

■ 52.3934, 34.6971,
60.4357

■ 49.2392, 29.6720,
55.4266

■ 56.2904, 41.1484,
65.8728

■ 46.7679, 25.9557,
50.8222

■ 60.9774, 49.1211,
71.7549

■ 44.9155, 23.4205,
46.5992


■ 66.5013, 58.7081,
78.1002


■ 43.6036, 21.9103,
42.7290


■ 72.9047, 69.9933,
84.9249

■ 42.8682, 21.2594,
39.9563

■ 80.2268, 83.0550,
92.2445

 87.7319, 96.4209,
99.8157

 88.7988, 96.8476,
105.4335

 89.4069, 97.0909,
108.6359

Harmonies

Analogous

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



45.1743, 34.6971, 94.0678



52.3934, 34.6971, 60.4357



53.9652, 34.6971, 31.2049

Triad

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



52.3934, 34.6971, 60.4357



30.5951, 34.6971, 6.4234



20.8190, 34.6971, 78.5757

Complementary

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



52.3934, 34.6971, 60.4357



43.3126, 67.5136, 39.6055

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.



18.2897, 34.6971, 45.2177



52.3934, 34.6971, 60.4357



23.2027, 34.6971, 10.1194

Square

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



52.3934, 34.6971, 60.4357



40.1531, 34.6971, 7.4814



19.0722, 34.6971, 21.6380



26.7140, 34.6971, 107.5171

Rectangle

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



52.3934, 34.6971, 60.4357



51.3694, 34.6971, 18.5870



19.0722, 34.6971, 21.6380



19.6026, 34.6971, 67.0213

Sweetspot

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



52.3945, 34.6988, 60.4364



81.5525, 75.9406, 95.3510



34.0696, 24.6974, 84.6334



17.1267, 15.6746, 20.0590



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.



52.3945, 34.6988, 60.4364



56.7492, 33.9179, 63.7026



46.4292, 32.3127, 29.0237



16.2489, 15.9493, 18.8668



23.7493, 11.7721, 22.3941



2.0185, 0.9964, 2.0883

Inverse Universe

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



52.3945, 34.6988, 60.4364



56.7492, 33.9179, 63.7026



49.6804, 70.0607, 73.1382



16.2489, 15.9493, 18.8668



23.7493, 11.7721, 22.3941



2.0185, 0.9964, 2.0883

Previews

White Background



This preview shows how the XYZ color 52.3934, 34.6971, 60.4357 looks on a white background.

Color Contrast Check

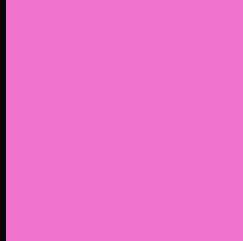
Large Text (above 18pt) WCAG AA × Fail

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 52.3934, 34.6971, 60.4357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

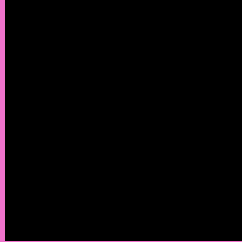
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.3934, 34.6971, 60.4357

Background



This preview shows how black text looks on a background with the XYZ color 52.3934, 34.6971, 60.4357.



This preview shows how white text looks on a background with the XYZ color 52.3934, 34.6971,

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

52.3934, 34.6971, 60.4357

Protanopia

36.8702, 35.1566, 84.1995

Deuteranopia

35.7569, 34.9306, 57.0822



Tritanopia

45.7164, 34.6913, 28.3313

Trichromacy



Original Color

52.3934, 34.6971, 60.4357



Protanomaly

39.9927, 33.2022, 74.8218



Deuteranomaly

40.3272, 33.7381, 58.4195



Tritanomaly

47.9902, 34.6861, 38.3481

Monochromacy



Original Color

52.3934, 34.6971, 60.4357



Achromatopsia

34.3422, 36.1307, 39.3463



Achromatomaly

39.2964, 34.3723, 46.1583

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.3934, 34.6971, 60.4357 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(239, 114, 203)` looks like.

```
.text, #text, p{  
    color:rgb(239, 114, 203)  
}
```

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(239, 114, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 114, 203) }
```

Border

The CSS property to change the border of an element to XYZ 52.3934, 34.6971, 60.4357 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(239, 114, 203) }
```


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

```
.border{ border-color:rgb(239, 114, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 114, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 114, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 114, 203);  
box-shadow:4px 4px 4px 4px rgb(239, 114,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3934, 34.6971, 60.4357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 114, 203) }
```

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

```
.background{ background-color: rgb(239,  
114, 203) }
```

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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