

Converting Colors

XYZ(52.5422, 34.2109, 35.4581)

Have a look what the booklet for
XYZ(52.5422, 34.2109, 35.4581)
contains.

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Color

**XYZ(52.4984, 34.1757,
35.2821)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6B9C
RGB	255, 107, 156
RGB Percent	100%, 42%, 61%
CMY	0.0000, 0.5804, 0.3882
CMYK	0.00, 0.58, 0.39, 0.00
HSL	340°, 100%, 71%
HSV	340°, 58%, 100%
XYZ	52.4984, 34.1757, 35.2821
YIQ	156.8380, 72.4790, 46.6150

Conversions

Conversions Part 2

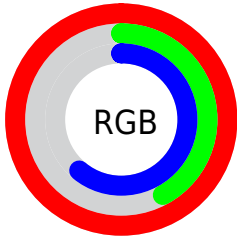
Format	Color
R _Y B	255, 107, 156
Decimal	16739228
CIE Lab	65.10, 60.66, 2.46
CIE LCh	65, 60.714, 2.322
Yxy	34.1757, 0.4305, 0.2802
Android (android.graphics.Color)	4294929308 (0xFFFF6B9C)
YUV	156.8380, -0.4131, 86.0881
Hunter-Lab	58.4600, 57.9921, 5.1390

Details

The XYZ color **52.4984, 34.1757, 35.2821** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **52.9659, 79.1028, 70.8743**, and the grayscale version is **31.9554, 33.6195, 36.6117**.

A 20% lighter version of the original color is **66.1483, 52.4641, 67.6129**, and **25.8549, 14.6032, 14.8206** is the 20% darker color. If you saturate the color by 10%, you get **48.8763, 29.0831, 27.4416**, and if you desaturate by 10%, it is **57.1089, 40.9202, 44.4535**.

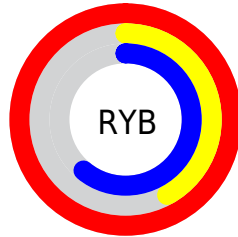
Distribution



Red (100%)

Green (42%)

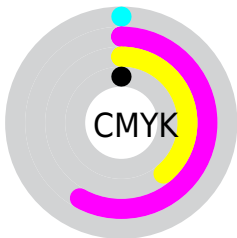
Blue (61%)



Red (100%)

Yellow (42%)

Blue (61%)

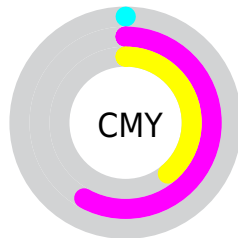


Cyan (0%)

Magenta (58%)

Yellow (39%)

Black (0%)



Cyan (0%)


Magenta (58%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.4984, 34.1757, 35.2821 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 52.4984, 34.1757, 35.2821 by changing the saturation by 10% instead.


 52.4984, 34.1757,
35.2821


 52.4984, 34.1757,
35.2821


386.6501,
320.9148, 340.7538


 37.6284, 23.0286,
23.5950

 93.0357, 66.2068,
69.0791


 25.8703, 14.6146,
14.8240


 119.4338, 87.8596,
92.0260

 16.8588, 8.5494,
8.5507


 150.4052,
113.7831, 119.5633

 10.2285, 4.4484,
4.3565

 186.3153,
144.3617, 152.1094

 5.6142, 1.9274,
1.8229

227.5295,
179.9797, 190.0830

 2.6503, 0.5648,
0.4430

274.4131,

 0.9717, 0.0000,

221.0217, 233.9026

0.0000

327.3316,
267.8719, 283.9867

■ 0.0000, 0.0000,
0.0000

■ 52.4984, 34.1757,
35.2821

■ 52.4984, 34.1757,
35.2821

■ 48.8763, 29.0831,
27.4416

■ 57.1089, 40.9202,
44.4535

■ 46.1602, 25.4914,
20.8622

■ 62.7753, 49.4395,
55.0166

■ 44.2580, 23.2308,
15.4691

■ 69.5625, 59.8508,
67.0301

■ 43.0461, 22.0694,
11.1732

■ 77.5288, 72.2597,
80.5487

■ 42.8565, 21.9066,
10.4430

■ 86.7286, 86.7640,
95.6241

95.0499, 100.0000,
108.9000

Harmonies

Analogous

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



49.8946, 34.1757, 64.5731



52.4984, 34.1757, 35.2821



48.9873, 34.1757, 16.8460

Triad

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



52.4984, 34.1757, 35.2821



24.2480, 34.1757, 9.4416



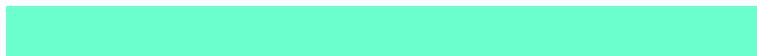
25.2385, 34.1757, 98.7574

Complementary

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



52.4984, 34.1757, 35.2821



52.9659, 79.1028, 70.8743

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.



20.1769, 34.1757, 69.6104



52.4984, 34.1757, 35.2821



19.6819, 34.1757, 18.9320

Square

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



52.4984, 34.1757, 35.2821



31.8021, 34.1757, 6.7529



18.3369, 34.1757, 39.2100



33.1735, 34.1757, 109.6937

Rectangle

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



52.4984, 34.1757, 35.2821



43.9649, 34.1757, 10.5217



18.3369, 34.1757, 39.2100



23.1974, 34.1757, 90.2684

Sweetspot

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



52.4993, 34.1775, 35.2827



78.4237, 73.6632, 82.0372



48.6705, 30.8117, 97.9896



16.4170, 15.1887, 16.9447



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.



52.4993, 34.1775, 35.2827



48.2740, 28.2640, 26.0520



52.1013, 38.7359, 18.6431



18.2573, 18.0862, 19.9723



22.4548, 11.4712, 5.7792



2.2345, 1.1362, 0.8161

Inverse Universe

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



52.4993, 34.1775, 35.2827



48.2740, 28.2640, 26.0520



52.5044, 67.1264, 104.7969



18.2573, 18.0862, 19.9723



22.4548, 11.4712, 5.7792



2.2345, 1.1362, 0.8161

Previews

White Background



This preview shows how the XYZ color 52.4984, 34.1757, 35.2821 looks on a white background.

Color Contrast Check

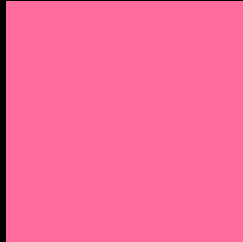
Large Text (above 18pt) WCAG AA × Fail

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 52.4984, 34.1757, 35.2821 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 52.4984, 34.1757, 35.2821

Background



This preview shows how black text looks on a background with the XYZ color 52.4984, 34.1757, 35.2821.



This preview shows how white text looks on a background with the XYZ color 52.4984, 34.1757,

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

52.4984, 34.1757, 35.2821

Protanopia

34.0568, 34.4314, 51.3053

Deuteranopia

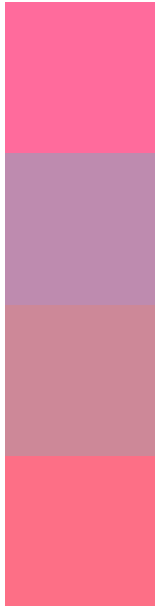
34.9475, 34.2995, 33.2123



Tritanopia

49.6750, 34.1352, 22.3829

Trichromacy



Original Color

52.4984, 34.1757, 35.2821

Protanomaly

38.2057, 32.5075, 44.8184

Deuteranomaly

39.6485, 32.8545, 33.9576

Tritanomaly

50.4955, 33.9728, 26.4502

Monochromacy



Original Color

52.4984, 34.1757, 35.2821

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

37.3107, 32.2370, 36.1542

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4984, 34.1757, 35.2821 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, 107, 156)` looks like.

```
.text, #text, p{  
    color:rgb(255, 107, 156)  
}
```

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, 107, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 107, 156) }
```

Border

The CSS property to change the border of an element to XYZ 52.4984, 34.1757, 35.2821 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, 107, 156) }
```


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

```
.border{ border-color:rgb(255, 107, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 107, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 107, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 107, 156);  
box-shadow:4px 4px 4px 4px rgb(255, 107,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4984, 34.1757, 35.2821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 107, 156) }
```

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

```
.background{ background-color: rgb(255,  
107, 156) }
```

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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