

Converting Colors

XYZ(54.3601, 34.1102, 47.5828)

Have a look what the booklet for
XYZ(54.3601, 34.1102, 47.5828)
contains.

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Color

**XYZ(54.3319, 34.0989,
47.4342)**

Conversions

Conversions Part 1

Format	Color
Hex	FF66B5
RGB	255, 102, 181
RGB Percent	100%, 40%, 71%
CMY	0.0000, 0.6000, 0.2902
CMYK	0.00, 0.60, 0.29, 0.00
HSL	329°, 100%, 70%
HSV	329°, 60%, 100%
XYZ	54.3319, 34.0989, 47.4342
YIQ	156.7530, 65.8290, 57.0050

Conversions

Conversions Part 2

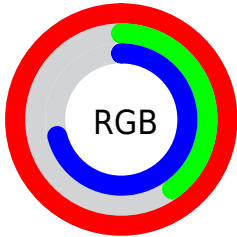
Format	Color
R _Y B	255, 102, 181
Decimal	16737973
CIE Lab	65.04, 65.65, -11.89
CIE LCh	65, 66.716, 349.735
Yxy	34.0989, 0.3999, 0.2510
Android (android.graphics.Color)	4294928053 (0xFFFF66B5)
YUV	156.7530, 11.9538, 86.1626
Hunter-Lab	58.3943, 63.8922, -7.2858

Details

The XYZ color **54.3319, 34.0989, 47.4342** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **49.0776, 77.4801, 53.4467**, and the grayscale version is **31.8655, 33.5250, 36.5087**.

A 20% lighter version of the original color is **68.9242, 52.1707, 86.5580**, and **26.8699, 14.4789, 21.8006** is the 20% darker color. If you saturate the color by 10%, you get **50.9898, 29.3512, 40.3502**, and if you desaturate by 10%, it is **58.5582, 40.4355, 55.3664**.

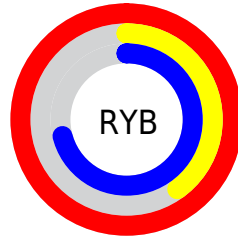
Distribution



Red (100%)

Green (40%)

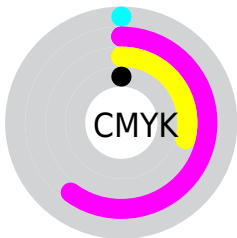
Blue (71%)



Red (100%)

Yellow (40%)

Blue (71%)

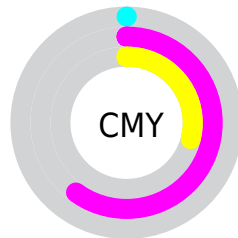


Cyan (0%)

Magenta (60%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (60%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.3319, 34.0989, 47.4342 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 54.3319, 34.0989, 47.4342 by changing the saturation by 10% instead.

 54.3319, 34.0989,
47.4342

 54.3319, 34.0989,
47.4342


393.5521,
320.5728, 392.9888


 39.0988, 22.9696,
33.0222


 95.7154, 66.0874,
87.7181


 27.0177, 14.5711,
21.8722


 122.5966, 87.7155,
114.4272

 17.7231, 8.5189,
13.5656

 154.0911,
113.6118, 146.0724

 10.8499, 4.4287,
7.6839

 190.5644,
144.1609, 183.0722

 6.0325, 1.9162,
3.8085

232.3818,
179.7472, 225.8452

 2.9057, 0.5581,
1.5209

279.9086,

 1.1041, 0.0000,

220.7550, 274.8100

0.2334

333.5103,
267.5687, 330.3850

■ 0.0285, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.3319, 34.0989,
47.4342

■ 54.3319, 34.0989,
47.4342

■ 50.9898, 29.3512,
40.3502

■ 58.5582, 40.4355,
55.3664

■ 48.4532, 26.0400,
34.0729

■ 63.7329, 48.4852,
64.1810

■ 46.6326, 23.9908,
28.5580

■ 69.9169, 58.3654,
73.9119

■ 45.3821, 22.9170,
23.7414

■ 77.1650, 70.1817,
84.5900

■ 45.3817, 22.9167,
23.7399

■ 85.5280, 84.0314,
96.2449

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.



48.7455, 34.0989, 83.2000



54.3319, 34.0989, 47.4342



53.2198, 34.0989, 21.9093

Triad

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



54.3319, 34.0989, 47.4342



26.5351, 34.0989, 6.1964



21.8284, 34.0989, 94.2916

Complementary

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



54.3319, 34.0989, 47.4342



49.0776, 77.4801, 53.4467

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.



17.8847, 34.0989, 58.1375



54.3319, 34.0989, 47.4342



20.2047, 34.0989, 12.2711

Square

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



54.3319, 34.0989, 47.4342



35.8330, 34.0989, 5.5327



17.3562, 34.0989, 28.4343



29.2122, 34.0989, 117.8975

Rectangle

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



54.3319, 34.0989, 47.4342



48.8905, 34.0989, 12.4520



17.3562, 34.0989, 28.4343



20.1243, 34.0989, 82.5569

Sweetspot

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



54.3327, 34.1006, 47.4348



78.7443, 72.7817, 86.8384



40.6963, 25.9491, 97.4715



16.3651, 14.7731, 17.8885



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.



54.3327, 34.1006, 47.4348



50.4197, 28.5779, 39.0294



48.5193, 31.7752, 16.8218



18.4010, 18.1437, 20.7287



23.7888, 12.0048, 12.8041



2.3715, 1.1910, 1.5375

Inverse Universe

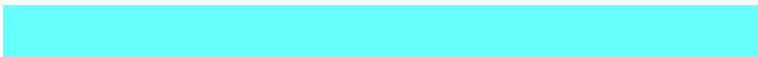
The Inverse Universe completely reimagines the original color for something new.



54.3327, 34.1006, 47.4348



50.4197, 28.5779, 39.0294



58.8825, 81.4021, 105.0786



18.4010, 18.1437, 20.7287



23.7888, 12.0048, 12.8041



2.3715, 1.1910, 1.5375

Previews

White Background



This preview shows how the XYZ color 54.3319, 34.0989, 47.4342 looks on a white background.

Color Contrast Check

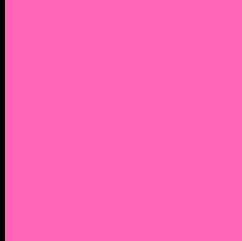
Large Text (above 18pt) WCAG AA × Fail

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 54.3319, 34.0989, 47.4342 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 54.3319, 34.0989, 47.4342

Background



This preview shows how black text looks on a background with the XYZ color 54.3319, 34.0989, 47.4342.



This preview shows how white text looks on a background with the XYZ color 54.3319, 34.0989,

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

54.3319, 34.0989, 47.4342

Protanopia

35.3586, 34.4143, 71.1087

Deuteranopia

35.0348, 34.3438, 44.3177



Tritanopia

49.1302, 34.0155, 22.7151

Trichromacy



Original Color

54.3319, 34.0989, 47.4342



Protanomaly

39.1150, 31.9612, 61.8651



Deuteranomaly

40.0536, 32.6046, 45.2566



Tritanomaly

50.7549, 33.8609, 30.2463

Monochromacy



Original Color

54.3319, 34.0989, 47.4342



Achromatopsia

32.0474, 33.7164, 36.7171



Achromatomaly

37.8209, 31.9820, 40.2561

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3319, 34.0989, 47.4342 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, 102, 181)` looks like.

```
.text, #text, p{  
    color:rgb(255, 102, 181)  
}
```

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, 102, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 102, 181) }
```

Border

The CSS property to change the border of an element to XYZ 54.3319, 34.0989, 47.4342 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, 102, 181) }
```


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

```
.border{ border-color:rgb(255, 102, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 102, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 102, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 102, 181);  
box-shadow:4px 4px 4px 4px rgb(255, 102,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3319, 34.0989, 47.4342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 102, 181) }
```

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

```
.background{ background-color: rgb(255,  
102, 181) }
```

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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