

Converting Colors

XYZ(51.1669, 34.3054, 41.9550)

Have a look what the booklet for
XYZ(51.1669, 34.3054, 41.9550)
contains.

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Color

**XYZ(51.1669, 34.3054,
41.9550)**

Conversions

Conversions Part 1

Format	Color
Hex	F671AA
RGB	246, 113, 170
RGB Percent	96%, 44%, 67%
CMY	0.0353, 0.5568, 0.3333
CMYK	0.00, 0.54, 0.31, 0.04
HSL	334°, 88%, 70%
HSV	334°, 54%, 96%
XYZ	51.1669, 34.3054, 41.9550
YIQ	159.2650, 60.9710, 45.9230

Conversions

Conversions Part 2

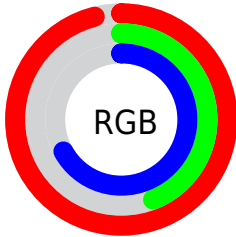
Format	Color
R_{YB}	246, 113, 170
Decimal	16150954
CIE Lab	65.20, 56.72, -5.53
CIE LCh	65, 56.994, 354.433
Yxy	34.3054, 0.4015, 0.2692
Android (android.graphics.Color)	4294341034 (0xFFFF671AA)
YUV	159.2650, 5.2924, 76.0666
Hunter-Lab	58.5708, 53.4370, -1.4706

Details

The XYZ color **51.1669, 34.3054, 41.9550** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **48.9530, 73.0974, 59.6773**, and the grayscale version is **33.0341, 34.7545, 37.8476**.

A 20% lighter version of the original color is **69.0186, 55.0722, 78.2265**, and **24.9828, 14.6734, 18.6550** is the 20% darker color. If you saturate the color by 10%, you get **47.5253, 29.0378, 34.5271**, and if you desaturate by 10%, it is **55.6963, 41.1206, 50.3811**.

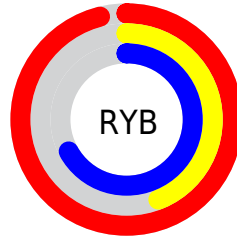
Distribution



Red (96%)

Green (44%)

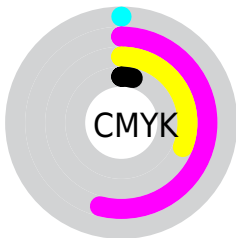
Blue (67%)



Red (96%)

Yellow (44%)

Blue (67%)

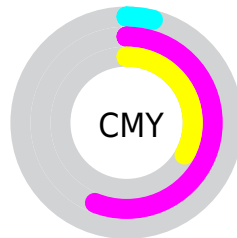


Cyan (0%)

Magenta (54%)

Yellow (31%)

Black (4%)



Cyan (4%)


Magenta (56%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.1669, 34.3054, 41.9550 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 51.1669, 34.3054, 41.9550 by changing the saturation by 10% instead.


 51.1669, 34.3054,
41.9550


 51.1669, 34.3054,
41.9550


381.5889,
321.4917, 370.0905


 36.5630, 23.1283,
28.7407


 91.0830, 66.4083,
79.4009

 25.0415, 14.6883,
18.6409


 117.1259, 88.1029,
104.4696

 16.2369, 8.6009,
11.2369


 147.7125,
114.0722, 134.3268

 9.7838, 4.4818,
6.1102


183.2082,
144.7004, 169.3912

 5.3170, 1.9466,
2.8424

223.9783,
180.3721, 210.0812

 2.4711, 0.5761,
1.0147

270.3882,

 0.8807, 0.0000,

221.4716, 256.8154

0.0000

322.8033,
268.3834, 310.0123

■ 0.0000, 0.0000,
0.0000

■ 51.1669, 34.3054,
41.9550

■ 51.1669, 34.3054,
41.9550

■ 47.5253, 29.0378,
34.5271

■ 55.6963, 41.1206,
50.3811

■ 44.7025, 25.1875,
28.0515

■ 61.1696, 49.5894,
59.8442

■ 42.6234, 22.6115,
22.4804

■ 67.6414, 59.8143,
70.3829

■ 41.1956, 21.1332,
17.7587

■ 75.1612, 71.8880,
82.0330

■ 40.5777, 20.6215,
15.3202

■ 83.7751, 85.8968,
94.8284

91.7113, 98.2909,
108.1966

91.8161, 98.3329,
108.7487

Harmonies

Analogous

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



47.3544, 34.3054, 70.6638



51.1669, 34.3054, 41.9550



49.3637, 34.3054, 21.4832

Triad

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



51.1669, 34.3054, 41.9550



26.4518, 34.3054, 9.3124



24.1915, 34.3054, 88.1016

Complementary

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



51.1669, 34.3054, 41.9550



48.9530, 73.0974, 59.6773

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.



20.1484, 34.3054, 59.5762



51.1669, 34.3054, 41.9550



21.2903, 34.3054, 16.6064

Square

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



51.1669, 34.3054, 41.9550



34.1759, 34.3054, 7.8620



19.1839, 34.3054, 33.1000



31.0854, 34.3054, 103.6325

Rectangle

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



51.1669, 34.3054, 41.9550



45.3535, 34.3054, 13.6543



19.1839, 34.3054, 33.1000



22.5038, 34.3054, 79.2529

Sweetspot

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



51.1679, 34.3071, 41.9556



79.8579, 75.2627, 86.4274



43.3709, 29.2042, 90.5401



16.7224, 15.5129, 17.9302



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.



51.1679, 34.3071, 41.9556



51.2030, 30.9943, 36.6705



47.9312, 34.6734, 19.7914



16.7939, 16.6004, 18.6613



21.7258, 11.0337, 8.5302



1.9599, 0.9899, 1.0151

Inverse Universe

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



51.1679, 34.3071, 41.9556



51.2030, 30.9943, 36.6705



53.7687, 70.8111, 98.0230



16.7939, 16.6004, 18.6613



21.7258, 11.0337, 8.5302



1.9599, 0.9899, 1.0151

Previews

White Background



This preview shows how the XYZ color 51.1669, 34.3054, 41.9550 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 51.1669, 34.3054, 41.9550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

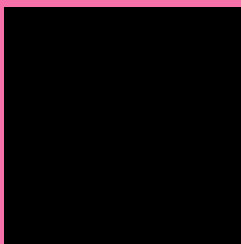
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.1669, 34.3054, 41.9550

Background



This preview shows how black text looks on a background with the XYZ color 51.1669, 34.3054, 41.9550.



This preview shows how white text looks on a background with the XYZ color 51.1669, 34.3054,

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

51.1669, 34.3054, 41.9550

Protanopia

34.6444, 34.5807, 58.2749

Deuteranopia

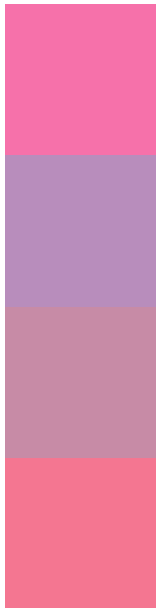
35.1797, 34.5262, 39.4604



Tritanopia

47.8288, 34.3411, 25.2267

Trichromacy



Original Color

51.1669, 34.3054, 41.9550

Protanomaly

38.3691, 32.8709, 51.8994

Deuteranomaly

39.6687, 33.3605, 40.4248

Tritanomaly

48.8975, 34.2343, 30.8188

Monochromacy



Original Color

51.1669, 34.3054, 41.9550

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

37.7697, 33.0667, 39.0422

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.1669, 34.3054, 41.9550 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(246, 113, 170)` looks like.

```
.text, #text, p{  
    color:rgb(246, 113, 170)  
}
```

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(246, 113, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 113, 170) }
```

Border

The CSS property to change the border of an element to XYZ 51.1669, 34.3054, 41.9550 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(246, 113, 170) }
```


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

```
.border{ border-color:rgb(246, 113, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 113, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 113, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 113, 170);  
box-shadow:4px 4px 4px 4px rgb(246, 113,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 51.1669, 34.3054, 41.9550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 113, 170) }
```

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

```
.background{ background-color: rgb(246,  
113, 170) }
```

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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