

Converting Colors

XYZ(59.2902, 41.8155, 55.8695)

Have a look what the booklet for
XYZ(59.2902, 41.8155, 55.8695)
contains.

XYZ(59.3651, 41.9301, 56.0034)	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(59.3651, 41.9301,
56.0034)**

Conversions

Conversions Part 1

Format	Color
Hex	FF85C2
RGB	255, 133, 194
RGB Percent	100%, 52%, 76%
CMY	0.0000, 0.4784, 0.2392
CMYK	0.00, 0.48, 0.24, 0.00
HSL	330°, 100%, 76%
HSV	330°, 48%, 100%
XYZ	59.3651, 41.9301, 56.0034
YIQ	176.4320, 53.1310, 44.8350

Conversions

Conversions Part 2

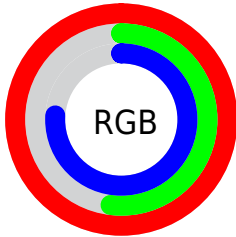
Format	Color
R_{YB}	255, 133, 194
Decimal	16745922
CIE _{Lab}	70.82, 53.16, -10.55
CIE _{LCh}	71, 54.201, 348.776
Yxy	41.9301, 0.3774, 0.2666
Android (android.graphics.Color)	4294936002 (0xFFFF85C2)
YUV	176.4320, 8.6610, 68.9041
Hunter-Lab	64.7535, 50.3279, -5.9508

Details

The XYZ color **59.3651, 41.9301, 56.0034** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **55.1723, 80.4024, 63.6539**, and the grayscale version is **41.4303, 43.5879, 47.4672**.

A 20% lighter version of the original color is **76.6929, 64.5573, 98.8611**, and **30.2946, 19.2212, 26.9243** is the 20% darker color. If you saturate the color by 10%, you get **54.9169, 35.2279, 47.7561**, and if you desaturate by 10%, it is **64.7857, 50.3799, 65.1820**.

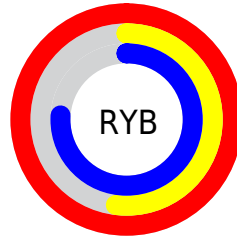
Distribution



Red (100%)

Green (52%)

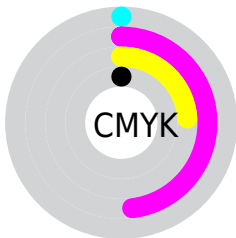
Blue (76%)



Red (100%)

Yellow (52%)

Blue (76%)

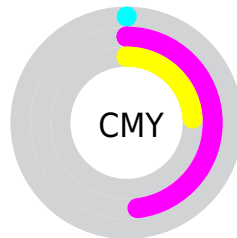


Cyan (0%)

Magenta (48%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (48%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.3651, 41.9301, 56.0034 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 59.3651, 41.9301, 56.0034 by changing the saturation by 10% instead.


 59.3651, 41.9301,
56.0034


 59.3651, 41.9301,
56.0034


412.1259,
354.1931, 427.0930

 43.1546, 29.0466,
39.8016

 103.0197, 78.0938,
100.4954

 30.2015, 19.1160,
27.0713


 131.1945,
102.1428, 129.6227

 20.1404, 11.7542,
17.3939

 164.0881,
130.6824, 163.8956

 12.6060, 6.5765,
10.3508

202.0659,
164.0969, 203.7326

 7.2329, 3.1987,
5.5235

245.4933,
202.7709, 249.5524

 3.6558, 1.2363,
2.4935

294.7355,

 1.5093, 0.0911,

247.0887, 301.7733

0.8367

350.1579,
297.4346, 360.8140

■ 0.3322, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.3651, 41.9301,
56.0034

■ 59.3651, 41.9301,
56.0034

■ 54.9169, 35.2279,
47.7561

■ 64.7857, 50.3799,
65.1820

■ 51.3724, 30.1415,
40.4006

■ 71.2344, 60.6849,
75.3237

■ 48.6584, 26.5296,
33.8974

■ 78.7665, 72.9507,
86.4616

■ 46.6880, 24.2235,
28.2009

■ 87.4323, 87.2735,
98.6260

■ 45.3457, 22.9979, 95.0500, 100.0000,
23.2556 108.9000

■ 45.1031, 22.8052,
22.2727

Harmonies

Analogous

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



54.3476, 41.9301, 86.7535



59.3651, 41.9301, 56.0034



58.5984, 41.9301, 31.4806

Triad

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



59.3651, 41.9301, 56.0034



34.5355, 41.9301, 12.9588



29.4966, 41.9301, 94.0346

Complementary

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



59.3651, 41.9301, 56.0034



55.1723, 80.4024, 63.6539

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.



25.6042, 41.9301, 63.5495



59.3651, 41.9301, 56.0034



28.1965, 41.9301, 20.1517

Square

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



59.3651, 41.9301, 56.0034



43.3196, 41.9301, 12.2423



25.1672, 41.9301, 36.6666



36.5771, 41.9301, 113.6183

Rectangle

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



59.3651, 41.9301, 56.0034



54.9343, 41.9301, 21.1070



25.1672, 41.9301, 36.6666



27.8208, 41.9301, 84.2880

Sweetspot

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



59.3662, 41.9321, 56.0042



81.9577, 78.2029, 91.0101



48.6875, 35.4668, 98.8874



17.1541, 16.0990, 18.9289



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.



59.3662, 41.9321, 56.0042



55.2550, 35.7272, 48.4143



53.8626, 39.7307, 27.0228



18.3882, 18.1386, 20.6612



23.6427, 11.9464, 12.0348



2.3571, 1.1852, 1.4620

Inverse Universe

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



59.3662, 41.9321, 56.0042



55.2550, 35.7272, 48.4143



63.4840, 83.7271, 107.4227



18.3882, 18.1386, 20.6612



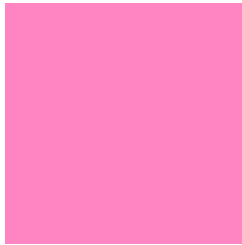
23.6427, 11.9464, 12.0348



2.3571, 1.1852, 1.4620

Previews

White Background



This preview shows how the XYZ color 59.3651, 41.9301, 56.0034 looks on a white background.

Color Contrast Check

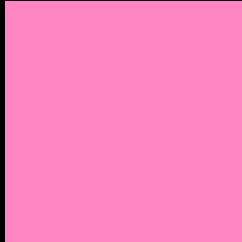
Large Text (above 18pt) WCAG AA × Fail

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 59.3651, 41.9301, 56.0034 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 59.3651, 41.9301, 56.0034

Background



This preview shows how black text looks on a background with the XYZ color 59.3651, 41.9301, 56.0034.



This preview shows how white text looks on a background with the XYZ color 59.3651, 41.9301,

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

59.3651, 41.9301, 56.0034

Protanopia

42.5711, 42.3537, 73.6415

Deuteranopia

43.0322, 42.1971, 53.4538



Tritanopia

54.9760, 41.8260, 34.8814

Trichromacy



Original Color

59.3651, 41.9301, 56.0034



Protanomaly

46.7497, 40.8926, 67.0571



Deuteranomaly

47.7611, 41.1963, 54.1496



Tritanomaly

56.2084, 41.6624, 41.6384

Monochromacy



Original Color

59.3651, 41.9301, 56.0034



Achromatopsia

41.2663, 43.4154, 47.2793



Achromatomaly

46.2949, 41.5396, 50.3777

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.3651, 41.9301, 56.0034 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, 133, 194)` looks like.

```
.text, #text, p{  
    color:rgb(255, 133, 194)  
}
```

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, 133, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 133, 194) }
```

Border

The CSS property to change the border of an element to XYZ 59.3651, 41.9301, 56.0034 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, 133, 194) }
```


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

```
.border{ border-color:rgb(255, 133, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 133, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 133, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 133, 194);  
box-shadow:4px 4px 4px 4px rgb(255, 133,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 59.3651, 41.9301, 56.0034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 133, 194) }
```

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

```
.background{ background-color: rgb(255,  
133, 194) }
```

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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