

Converting Colors

XYZ(59.0993, 41.5235, 55.5293)

Have a look what the booklet for
XYZ(59.0993, 41.5235, 55.5293)
contains.

XYZ(59.1169, 41.6128, 55.3683)	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(59.1169, 41.6128,
55.3683)**

Conversions

Conversions Part 1

Format	Color
Hex	FF84C1
RGB	255, 132, 193
RGB Percent	100%, 52%, 76%
CMY	0.0000, 0.4823, 0.2431
CMYK	0.00, 0.48, 0.24, 0.00
HSL	330°, 100%, 76%
HSV	330°, 48%, 100%
XYZ	59.1169, 41.6128, 55.3683
YIQ	175.7310, 53.7270, 45.0470

Conversions

Conversions Part 2

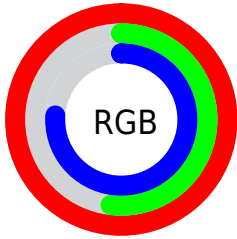
Format	Color
R _Y B	255, 132, 193
Decimal	16745665
CIE Lab	70.60, 53.51, -10.32
CIE LCh	71, 54.500, 349.085
Yxy	41.6128, 0.3787, 0.2666
Android (android.graphics.Color)	4294935745 (0xFFFF84C1)
YUV	175.7310, 8.5136, 69.5189
Hunter-Lab	64.5080, 50.6934, -5.7340

Details

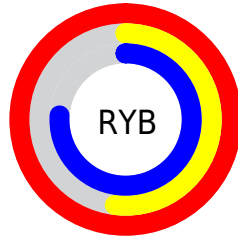
The XYZ color **59.1169, 41.6128, 55.3683** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **55.0152, 80.3214, 63.6467**, and the grayscale version is **41.0656, 43.2042, 47.0493**.

A 20% lighter version of the original color is **76.3221, 64.0660, 97.9659**, and **30.0790, 18.9076, 26.4903** is the 20% darker color. If you saturate the color by 10%, you get **54.6996, 34.9742, 47.1260**, and if you desaturate by 10%, it is **64.5059, 49.9951, 64.5504**.

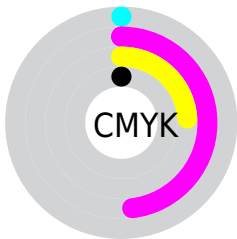
Distribution



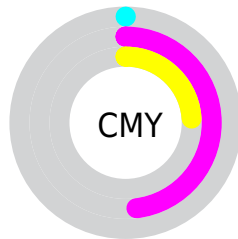
- Red (100%)
- Green (52%)
- Blue (76%)



- 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 59.1169, 41.6128, 55.3683 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 59.1169, 41.6128, 55.3683 by changing the saturation by 10% instead.


 59.1169, 41.6128,
55.3683


 59.1169, 41.6128,
55.3683


411.2221,
352.8753, 424.6277


 42.9540, 28.7982,
39.2961


 102.6612, 77.6133,
99.5569

 30.0434, 18.9282,
26.6805


 130.7733,
101.5680, 128.5104

 20.0197, 11.6184,
17.1031

 163.5991,
130.0048, 162.5947

 12.5177, 6.4844,
10.1453

201.5041,
163.3082, 202.2284

 7.1720, 3.1418,
5.3885

244.8535,
201.8626, 247.8300

 3.6172, 1.2062,
2.4143

294.0127,

 1.4879, 0.0668,

246.0523, 299.8181

0.7942

349.3471,
296.2617, 358.6111

■ 0.3176, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.1169, 41.6128,
55.3683

■ 59.1169, 41.6128,
55.3683

■ 54.6996, 34.9742,
47.1260

■ 64.5059, 49.9951,
64.5504

■ 51.1851, 29.9468,
39.7836

■ 70.9229, 60.2291,
74.7046

■ 48.4997, 26.3885,
33.3007

■ 78.4233, 72.4209,
85.8645

■ 46.5557, 24.1294,
27.6313

■ 87.0575, 86.6668,
98.0608

■ 45.2334, 22.9356, 95.0500, 100.0000,
22.7177 108.9000

■ 45.0355, 22.7782,
21.9168

Harmonies

Analogous

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



54.1402, 41.6128, 86.1900



59.1169, 41.6128, 55.3683



58.2858, 41.6128, 30.9464

Triad

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



59.1169, 41.6128, 55.3683



34.1536, 41.6128, 12.7361



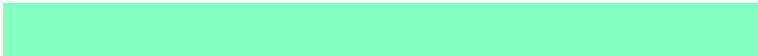
29.2561, 41.6128, 94.0927

Complementary

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



59.1169, 41.6128, 55.3683



55.0152, 80.3214, 63.6467

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.



25.3353, 41.6128, 63.5440



59.1169, 41.6128, 55.3683



27.8519, 41.6128, 19.9641

Square

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



59.1169, 41.6128, 55.3683



42.9236, 41.6128, 11.9672



24.8636, 41.6128, 36.5489



36.3612, 41.6128, 113.5702

Rectangle

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



59.1169, 41.6128, 55.3683



54.5800, 41.6128, 20.6756



24.8636, 41.6128, 36.5489



27.5712, 41.6128, 84.3390

Sweetspot

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



59.1180, 41.6148, 55.3691



81.9365, 78.1944, 90.8984



48.4232, 35.1282, 98.8360



17.1490, 16.0969, 18.9017



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.



59.1180, 41.6148, 55.3691



54.7918, 35.1097, 47.3073



53.6576, 39.4306, 26.6152



18.3850, 18.1373, 20.6445



23.6072, 11.9322, 11.8480



2.3536, 1.1838, 1.4436

Inverse Universe

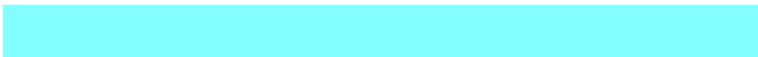
The Inverse Universe completely reimagines the original color for something new.



59.1180, 41.6148, 55.3691



54.7918, 35.1097, 47.3073



63.3268, 83.6461, 107.4154



18.3850, 18.1373, 20.6445



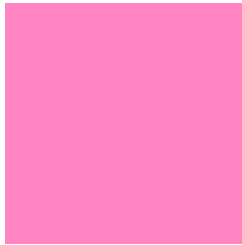
23.6072, 11.9322, 11.8480



2.3536, 1.1838, 1.4436

Previews

White Background



This preview shows how the XYZ color 59.1169, 41.6128, 55.3683 looks on a white background.

Color Contrast Check

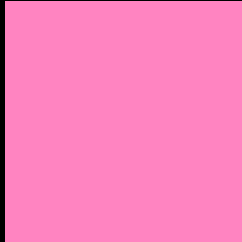
Large Text (above 18pt) WCAG AA × Fail

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 59.1169, 41.6128, 55.3683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

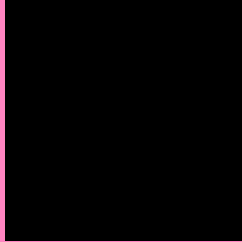
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.1169, 41.6128, 55.3683

Background



This preview shows how black text looks on a background with the XYZ color 59.1169, 41.6128, 55.3683.



This preview shows how white text looks on a background with the XYZ color 59.1169, 41.6128,

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

59.1169, 41.6128, 55.3683

Protanopia

42.0470, 41.8174, 72.8733

Deuteranopia

42.7394, 41.7835, 52.8261



Tritanopia

54.7477, 41.4998, 34.4029

Trichromacy



Original Color

59.1169, 41.6128, 55.3683



Protanomaly

46.1955, 40.3692, 66.3300



Deuteranomaly

47.4850, 40.8185, 53.5201



Tritanomaly

55.9735, 41.3399, 41.1057

Monochromacy



Original Color

59.1169, 41.6128, 55.3683



Achromatopsia

41.2663, 43.4154, 47.2793



Achromatomaly

46.1911, 41.4981, 49.8314

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.1169, 41.6128, 55.3683 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, 132, 193)` looks like.

```
.text, #text, p{  
    color:rgb(255, 132, 193)  
}
```

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, 132, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 132, 193) }
```

Border

The CSS property to change the border of an element to XYZ 59.1169, 41.6128, 55.3683 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, 132, 193) }
```


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

```
.border{ border-color:rgb(255, 132, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 132, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 132, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 132, 193);  
box-shadow:4px 4px 4px 4px rgb(255, 132,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 59.1169, 41.6128, 55.3683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 132, 193) }
```

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

```
.background{ background-color: rgb(255,  
132, 193) }
```

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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