

Converting Colors

XYZ(173.6941, 101.1673,
60.8932)

Have a look what the booklet for
XYZ(173.6941, 101.1673, 60.8932)
contains.

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Color

**XYZ(59.3907, 42.1605,
55.4596)**

Conversions

Conversions Part 1

Format	Color
Hex	FF86C1
RGB	255, 134, 193
RGB Percent	100%, 53%, 76%
CMY	0.0000, 0.4745, 0.2431
CMYK	0.00, 0.47, 0.24, 0.00
HSL	331°, 100%, 76%
HSV	331°, 47%, 100%
XYZ	59.3907, 42.1605, 55.4596
YIQ	176.9050, 53.1770, 44.0010

Conversions

Conversions Part 2

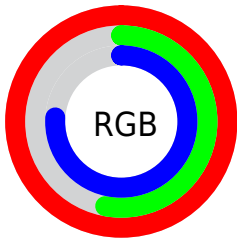
Format	Color
R_{YB}	255, 134, 193
Decimal	16746177
CIE _{Lab}	70.98, 52.54, -9.76
CIE _{LCh}	71, 53.439, 349.481
Yxy	42.1605, 0.3783, 0.2685
Android (android.graphics.Color)	4294936257 (0xFFFF86C1)
YUV	176.9050, 7.9348, 68.4893
Hunter-Lab	64.9311, 49.6396, -5.1896

Details

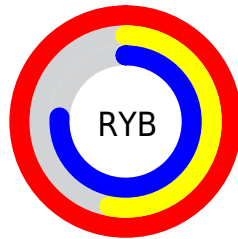
The XYZ color **59.3907, 42.1605, 55.4596** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **55.5572, 80.5748, 64.8528**, and the grayscale version is **41.6816, 43.8522, 47.7551**.

A 20% lighter version of the original color is **76.7523, 64.9265, 98.1093**, and **30.2938, 19.3372, 26.5619** is the 20% darker color. If you saturate the color by 10%, you get **54.8877, 35.3851, 47.0819**, and if you desaturate by 10%, it is **64.8743, 50.6906, 64.8006**.

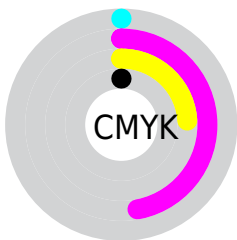
Distribution



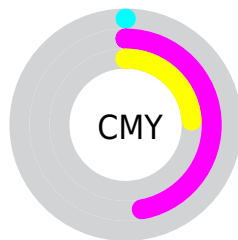
- Red (100%)
- Green (53%)
- Blue (76%)



- Red (100%)
- Yellow (53%)
- Blue (76%)



- Cyan (0%)
- Magenta (47%)
- Yellow (24%)
- Black (0%)





- Cyan (0%)
- Magenta (47%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.3907, 42.1605, 55.4596 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 59.3907, 42.1605, 55.4596 by changing the saturation by 10% instead.


 59.3907, 42.1605,
55.4596


 59.3907, 42.1605,
55.4596


412.2191,
355.1478, 424.9827


 43.1753, 29.2270,
39.3687


 103.0567, 78.4425,
99.6919

 30.2178, 19.2526,
26.7367


 131.2380,
102.5597, 128.6704

 20.1529, 11.8529,
17.1449


 164.1386,
131.1737, 162.7819

 12.6151, 6.6436,
10.1748

202.1239,
164.6687, 202.4449

 7.2392, 3.2402,
5.4079

245.5592,
203.4293, 248.0779

 3.6598, 1.2584,
2.4256

294.8100,

 1.5115, 0.1087,

247.8397, 300.0996

0.8003

350.2415,
298.2844, 358.9283

■ 0.3337, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.3907, 42.1605,
55.4596

■ 59.3907, 42.1605,
55.4596

■ 54.8877, 35.3851,
47.0819

■ 64.8743, 50.6906,
64.8006

■ 51.2966, 30.2327,
39.6268

■ 71.3944, 61.0825,
75.1378

■ 48.5445, 26.5631,
33.0534

■ 79.0061, 73.4417,
86.5053

■ 46.5446, 24.2086,
27.3151

■ 87.7599, 87.8641,
98.9347

■ 45.1850, 22.9510,
22.3558

95.0500, 100.0000,
108.9000

■ 44.8992, 22.7237,
21.1989

Harmonies

Analogous

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



54.5607, 42.1605, 85.7393



59.3907, 42.1605, 55.4596



58.4943, 42.1605, 31.4074

Triad

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



59.3907, 42.1605, 55.4596



34.6250, 42.1605, 13.4429



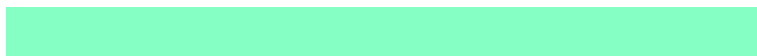
29.9388, 42.1605, 94.2293

Complementary

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



59.3907, 42.1605, 55.4596



55.5572, 80.5748, 64.8528

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.



25.9917, 42.1605, 64.2937



59.3907, 42.1605, 55.4596



28.4067, 42.1605, 20.8344

Square

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



59.3907, 42.1605, 55.4596



43.2825, 42.1605, 12.5865



25.4758, 42.1605, 37.5172



37.0249, 42.1605, 113.0328

Rectangle

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



59.3907, 42.1605, 55.4596



54.8060, 42.1605, 21.2388



25.4758, 42.1605, 37.5172



28.2485, 42.1605, 84.7115

Sweetspot

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



59.3918, 42.1625, 55.4604



81.8931, 78.1770, 90.6696



48.9537, 35.8083, 98.9393



17.1384, 16.0927, 18.8461



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.



59.3918, 42.1625, 55.4604



55.0695, 35.6530, 47.4373



54.0697, 40.0337, 27.4344



18.3785, 18.1347, 20.6101



23.5356, 11.9035, 11.4711



2.3465, 1.1810, 1.4064

Inverse Universe

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



59.3918, 42.1625, 55.4604



55.0695, 35.6530, 47.4373



63.6427, 83.8089, 107.4302



18.3785, 18.1347, 20.6101



23.5356, 11.9035, 11.4711



2.3465, 1.1810, 1.4064

Previews

White Background



This preview shows how the XYZ color 59.3907, 42.1605, 55.4596 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 59.3907, 42.1605, 55.4596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

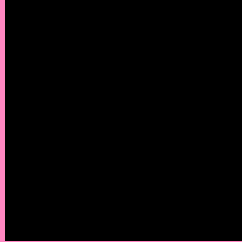
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.3907, 42.1605, 55.4596

Background



This preview shows how black text looks on a background with the XYZ color 59.3907, 42.1605, 55.4596.



This preview shows how white text looks on a background with the XYZ color 59.3907, 42.1605,

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

59.3907, 42.1605, 55.4596

Protanopia

42.5117, 42.3535, 72.2641

Deuteranopia

43.1652, 42.2781, 52.8991



Tritanopia

55.1242, 42.1222, 34.9308

Trichromacy



Original Color

59.3907, 42.1605, 55.4596



Protanomaly

46.5004, 40.7929, 65.7446



Deuteranomaly

47.6521, 41.1527, 53.5758



Tritanomaly

56.3526, 41.9507, 41.6864

Monochromacy



Original Color

59.3907, 42.1605, 55.4596



Achromatopsia

41.7894, 43.9657, 47.8787



Achromatomaly

46.4690, 41.8878, 50.4357

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.3907, 42.1605, 55.4596 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, 134, 193)` looks like.

```
.text, #text, p{  
    color:rgb(255, 134, 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, 134, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 134, 193) }
```

Border

The CSS property to change the border of an element to XYZ 59.3907, 42.1605, 55.4596 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, 134, 193) }
```


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

```
.border{ border-color:rgb(255, 134, 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, 134, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 134, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 134, 193);  
box-shadow:4px 4px 4px 4px rgb(255, 134,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 59.3907, 42.1605, 55.4596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 134, 193) }
```

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

```
.background{ background-color: rgb(255,  
134, 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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