

Converting Colors

XYZ(60.6594, 46.1391, 54.9989)

Have a look what the booklet for
XYZ(60.6594, 46.1391, 54.9989)
contains.

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Color

**XYZ(60.6594, 46.1391,
54.9989)**

Conversions

Conversions Part 1

Format	Color
Hex	FD95BF
RGB	253, 149, 191
RGB Percent	99%, 58%, 75%
CMY	0.0078, 0.4157, 0.2510
CMYK	0.00, 0.41, 0.25, 0.01
HSL	336°, 96%, 79%
HSV	336°, 41%, 99%
XYZ	60.6594, 46.1391, 54.9989
YIQ	184.8840, 48.5020, 35.1100

Conversions

Conversions Part 2

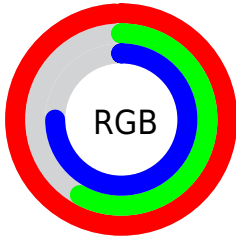
Format	Color
R _Y B	253, 149, 191
Decimal	16618943
CIE Lab	73.64, 44.12, -4.74
CIE LCh	74, 44.376, 353.874
Yxy	46.1391, 0.3749, 0.2852
Android (android.graphics.Color)	4294809023 (0xFFFD95BF)
YUV	184.8840, 3.0152, 59.7377
Hunter-Lab	67.9258, 40.5348, -0.4586

Details

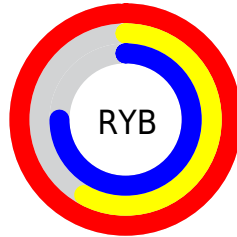
The XYZ color **60.6594, 46.1391, 54.9989** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **59.2796, 81.3444, 74.2086**, and the grayscale version is **46.0157, 48.4121, 52.7208**.

A 20% lighter version of the original color is **79.8598, 71.6380, 97.6141**, and **31.0185, 21.6701, 26.5926** is the 20% darker color. If you saturate the color by 10%, you get **55.5074, 38.3559, 45.5094**, and if you desaturate by 10%, it is **66.8543, 55.7338, 65.6804**.

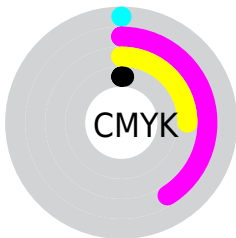
Distribution



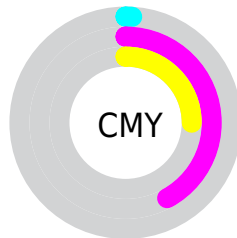
- Red (99%)
- Green (58%)
- Blue (75%)



- Red (99%)
- Yellow (58%)
- Blue (75%)



- Cyan (0%)
- Magenta (41%)
- Yellow (25%)
- Black (1%)





- Cyan (1%)
- Magenta (42%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.6594, 46.1391, 54.9989 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 60.6594, 46.1391, 54.9989 by changing the saturation by 10% instead.

 60.6594, 46.1391,
54.9989


 60.6594, 46.1391,
54.9989


416.8199,
371.3676, 423.1896

 44.2018, 32.3556,
39.0022


 104.8865, 84.4271,
99.0105

 31.0278, 21.6333,
26.4536


 133.3868,
109.7005, 127.8625

 20.7720, 13.5877,
16.9345


166.6320,
139.5725, 161.8367

 13.0689, 7.8345,
10.0263

204.9876,
174.4277, 201.3516

 7.5534, 3.9892,
5.3106

248.8188,
214.6504, 246.8259

 3.8599, 1.6675,
2.3687

298.4910,

 1.6232, 0.4025,

260.6250, 298.6779

0.7693

354.3696,
312.7360, 357.3263

■ 0.4074, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.6594, 46.1391,
54.9989

■ 60.6594, 46.1391,
54.9989

■ 55.5074, 38.3559,
45.5094

■ 66.8543, 55.7338,
65.6804

■ 51.3324, 32.2617,
37.1632

■ 74.1450, 67.2387,
77.5945

■ 48.0666, 27.7294,
29.9115

■ 82.5850, 80.7534,
90.7828

■ 45.6314, 24.6105,
23.6999

■ 92.2235, 96.3686,
105.2841

■ 43.9331, 22.7274,
18.4676

94.3181, 99.6227,
108.8657

■ 42.9147, 21.8453,
14.5683

Harmonies

Analogous

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



57.2264, 46.1391, 80.3146



60.6594, 46.1391, 54.9989



59.1738, 46.1391, 34.6794

Triad

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



60.6594, 46.1391, 54.9989



38.0180, 46.1391, 20.1458



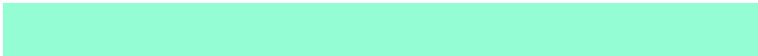
35.5347, 46.1391, 93.9265

Complementary

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



60.6594, 46.1391, 54.9989



59.2796, 81.3444, 74.2086

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.



31.4365, 46.1391, 69.8668



60.6594, 46.1391, 54.9989



32.7459, 46.1391, 28.7991

Square

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



60.6594, 46.1391, 54.9989



45.4863, 46.1391, 18.3245



30.4799, 46.1391, 45.7594



42.2609, 46.1391, 106.7205

Rectangle

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



60.6594, 46.1391, 54.9989



55.6734, 46.1391, 25.8172



30.4799, 46.1391, 45.7594



33.8380, 46.1391, 86.5961

Sweetspot

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



60.6607, 46.1413, 54.9998



83.2538, 80.8868, 91.1594



54.9625, 42.2420, 98.1855



17.5678, 16.9080, 19.1236



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.



60.6607, 46.1413, 54.9998



57.5193, 40.5546, 48.2475



58.1046, 47.3951, 34.5222



18.3133, 18.1086, 20.2672



22.8965, 11.6479, 8.1053



2.2817, 1.1551, 1.0650

Inverse Universe

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



60.6607, 46.1413, 54.9998



57.5193, 40.5546, 48.2475



62.5766, 78.3847, 104.7604



18.3133, 18.1086, 20.2672



22.8965, 11.6479, 8.1053



2.2817, 1.1551, 1.0650

Previews

White Background



This preview shows how the XYZ color 60.6594, 46.1391, 54.9989 looks on a white background.

Color Contrast Check

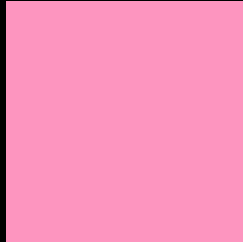
Large Text (above 18pt) WCAG AA × Fail

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 60.6594, 46.1391, 54.9989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

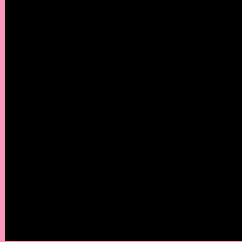
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.6594, 46.1391, 54.9989

Background



This preview shows how black text looks on a background with the XYZ color 60.6594, 46.1391, 54.9989.



This preview shows how white text looks on a background with the XYZ color 60.6594, 46.1391,

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

60.6594, 46.1391, 54.9989

Protanopia

45.8586, 46.5258, 67.5361

Deuteranopia

47.4142, 46.4662, 52.9242



Tritanopia

57.7715, 46.1518, 41.4606

Trichromacy



Original Color

60.6594, 46.1391, 54.9989



Protanomaly

49.8693, 45.5251, 62.6587



Deuteranomaly

51.3286, 45.6550, 53.6839



Tritanomaly

58.6519, 46.0217, 45.8362

Monochromacy



Original Color

60.6594, 46.1391, 54.9989



Achromatopsia

46.1135, 48.5150, 52.8328



Achromatomaly

50.3005, 46.7945, 53.3948

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.6594, 46.1391, 54.9989 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(253, 149, 191)` looks like.

```
.text, #text, p{  
    color:rgb(253, 149, 191)  
}
```

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(253, 149, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 149, 191) }
```

Border

The CSS property to change the border of an element to XYZ 60.6594, 46.1391, 54.9989 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(253, 149, 191) }
```


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

```
.border{ border-color:rgb(253, 149, 191) }
```

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

Here you see how a box with a 4 pixel rgb(253, 149, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 149, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 149, 191);  
box-shadow:4px 4px 4px 4px rgb(253, 149,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 60.6594, 46.1391, 54.9989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 149, 191) }
```

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

```
.background{ background-color: rgb(253,  
149, 191) }
```

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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