

Converting Colors

XYZ(59.2616, 46.6649, 61.3459)

Have a look what the booklet for
XYZ(59.2616, 46.6649, 61.3459)
contains.

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Color

**XYZ(59.2261, 46.7144,
61.1536)**

Conversions

Conversions Part 1

Format	Color
Hex	F39BC9
RGB	243, 155, 201
RGB Percent	95%, 61%, 79%
CMY	0.0471, 0.3921, 0.2118
CMYK	0.00, 0.36, 0.17, 0.05
HSL	329°, 79%, 78%
HSV	329°, 36%, 95%
XYZ	59.2261, 46.7144, 61.1536
YIQ	186.5560, 37.6820, 32.9620

Conversions

Conversions Part 2

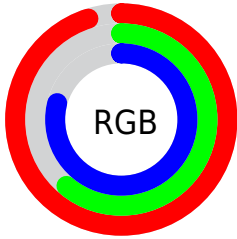
Format	Color
R _Y B	243, 155, 201
Decimal	15965129
CIE Lab	74.01, 39.11, -9.83
CIE LCh	74, 40.322, 345.892
Yxy	46.7144, 0.3544, 0.2796
Android (android.graphics.Color)	4294155209 (0xFFFF39BC9)
YUV	186.5560, 7.1209, 49.5014
Hunter-Lab	68.3479, 35.0682, -5.2056

Details

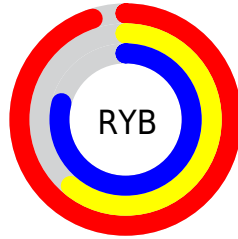
The XYZ color **59.2261, 46.7144, 61.1536** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **55.6482, 75.1022, 64.3899**, and the grayscale version is **46.9317, 49.3758, 53.7702**.

A 20% lighter version of the original color is **82.5843, 75.0685, 104.7448**, and **30.0254, 21.9236, 30.2529** is the 20% darker color. If you saturate the color by 10%, you get **54.2683, 38.9002, 53.0218**, and if you desaturate by 10%, it is **65.1033, 56.2016, 70.1012**.

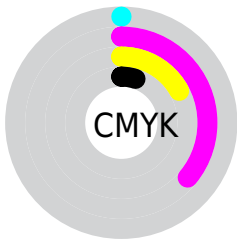
Distribution



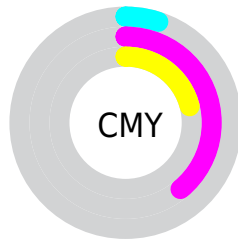
- Red (95%)
- Green (61%)
- Blue (79%)



- Red (95%)
- Yellow (61%)
- Blue (79%)



- Cyan (0%)
- Magenta (36%)
- Yellow (17%)
- Black (5%)





- Cyan (5%)
- Magenta (39%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.2261, 46.7144, 61.1536 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 59.2261, 46.7144, 61.1536 by changing the saturation by 10% instead.


 59.2261, 46.7144,
61.1536

 59.2261, 46.7144,
61.1536


411.6199,
373.6734, 446.7591

 43.0422, 32.8099,
43.9178


 102.8190, 85.2872,
108.0610

 30.1129, 21.9809,
30.2692


 130.9586,
110.7242, 138.5697

 20.0728, 13.8429,
19.7892


163.8143,
140.7743, 174.3397

 12.5565, 8.0114,
12.0593

201.7513,
175.8218, 215.7896

 7.1988, 4.1023,
6.6611

245.1350,
216.2510, 263.3380

 3.6342, 1.7309,
3.1758

294.3308,

 1.4973, 0.4436,

262.4464, 317.4033

1.1851

349.7040,
314.7924, 378.4042

■ 0.3240, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.2261, 46.7144,
61.1536

■ 59.2261, 46.7144,
61.1536

■ 54.2683, 38.9002,
53.0218

■ 65.1033, 56.2016,
70.1012

■ 50.1746, 32.6532,
45.6747

■ 71.9431, 67.4461,
79.8883

■ 46.8895, 27.8661,
39.0829

■ 79.7907, 80.5343,
90.5409

■ 44.3492, 24.4148,
33.2129

■ 88.6871, 95.5450,
102.0829

■ 42.4790, 22.1543,
28.0276

■ 90.7724, 97.7948,
108.6998

■ 41.1870, 20.9045,
23.4832

■ 40.7943, 20.5876,
21.9082

Harmonies

Analogous

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



55.1014, 46.7144, 83.7517



59.2261, 46.7144, 61.1536



59.0910, 46.7144, 40.7615

Triad

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



59.2261, 46.7144, 61.1536



40.7167, 46.7144, 21.4665



35.4451, 46.7144, 84.9746

Complementary

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



59.2261, 46.7144, 61.1536



55.6482, 75.1022, 64.3899

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.



32.3722, 46.7144, 62.5115



59.2261, 46.7144, 61.1536



35.1835, 46.7144, 27.9578

Square

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



59.2261, 46.7144, 61.1536



47.8614, 46.7144, 21.2873



32.2819, 46.7144, 41.7987



41.1108, 46.7144, 99.8208

Rectangle

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



59.2261, 46.7144, 61.1536



56.5870, 46.7144, 30.9807



32.2819, 46.7144, 41.7987



34.1029, 46.7144, 77.8289

Sweetspot

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



59.2275, 46.7166, 61.1545



84.6642, 82.5583, 95.1721



50.6833, 41.6610, 90.1647



17.8686, 17.2491, 20.0264



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.



59.2275, 46.7166, 61.1545



62.1585, 45.9137, 61.8765



54.8510, 44.9660, 38.1086



16.8610, 16.6272, 19.0144



22.4579, 11.3266, 12.3856



2.0258, 1.0163, 1.3621

Inverse Universe

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



59.2275, 46.7166, 61.1545



62.1585, 45.9137, 61.8765



61.3077, 77.3661, 94.1926



16.8610, 16.6272, 19.0144



22.4579, 11.3266, 12.3856



2.0258, 1.0163, 1.3621

Previews

White Background



This preview shows how the XYZ color 59.2261, 46.7144, 61.1536 looks on a white background.

Color Contrast Check

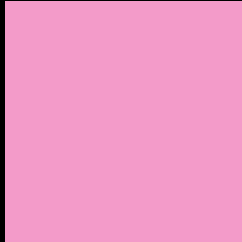
Large Text (above 18pt) WCAG AA × Fail

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 59.2261, 46.7144, 61.1536 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

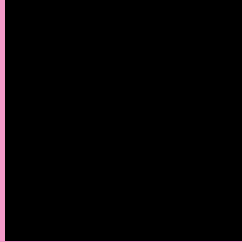
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.2261, 46.7144, 61.1536

Background



This preview shows how black text looks on a background with the XYZ color 59.2261, 46.7144, 61.1536.



This preview shows how white text looks on a background with the XYZ color 59.2261, 46.7144,

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

59.2261, 46.7144, 61.1536

Protanopia

46.8580, 47.2237, 72.9751

Deuteranopia

47.7925, 46.8130, 59.3402



Tritanopia

55.9524, 46.6454, 45.0842

Trichromacy



Original Color

59.2261, 46.7144, 61.1536



Protanomaly

50.4556, 46.5379, 68.6108



Deuteranomaly

51.2450, 46.3020, 59.6624



Tritanomaly

57.0497, 46.5734, 50.7825

Monochromacy



Original Color

59.2261, 46.7144, 61.1536



Achromatopsia

47.2335, 49.6933, 54.1160



Achromatomaly

50.5765, 47.7311, 56.4165

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.2261, 46.7144, 61.1536 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(243, 155, 201)` looks like.

```
.text, #text, p{  
    color:rgb(243, 155, 201)  
}
```

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(243, 155, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 155, 201) }
```

Border

The CSS property to change the border of an element to XYZ 59.2261, 46.7144, 61.1536 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(243, 155, 201) }
```


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

```
.border{ border-color:rgb(243, 155, 201) }
```

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

Here you see how a box with a 4 pixel rgb(243, 155, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 155, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 155, 201);  
box-shadow:4px 4px 4px 4px rgb(243, 155,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 59.2261, 46.7144, 61.1536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 155, 201) }
```

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

```
.background{ background-color: rgb(243,  
155, 201) }
```

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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