

Converting Colors

XYZ(81.1936, 50.8602, 60.6280)

Have a look what the booklet for
XYZ(81.1936, 50.8602, 60.6280)
contains.

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Color

**XYZ(58.6200, 39.1518,
59.7258)**

Conversions

Conversions Part 1

Format	Color
Hex	FF79C9
RGB	255, 121, 201
RGB Percent	100%, 47%, 79%
CMY	0.0000, 0.5255, 0.2118
CMYK	0.00, 0.53, 0.21, 0.00
HSL	324°, 100%, 74%
HSV	324°, 53%, 100%
XYZ	58.6200, 39.1518, 59.7258
YIQ	170.1860, 54.1840, 53.2880

Conversions

Conversions Part 2

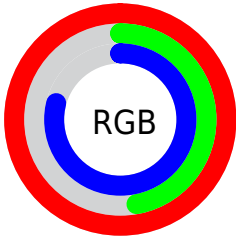
Format	Color
R_{YB}	255, 121, 201
Decimal	16742857
CIE _{Lab}	68.86, 59.82, -17.41
CIE _{LCh}	69, 62.304, 343.777
Yxy	39.1518, 0.3722, 0.2486
Android (android.graphics.Color)	4294932937 (0xFFFF79C9)
YUV	170.1860, 15.1913, 74.3819
Hunter-Lab	62.5714, 57.7277, -12.7937

Details

The XYZ color **58.6200, 39.1518, 59.7258** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **51.3847, 78.6809, 53.0395**, and the grayscale version is **38.2102, 40.2001, 43.7779**.

A 20% lighter version of the original color is **75.0121, 59.9243, 102.2207**, and **29.6624, 17.4893, 29.4161** is the 20% darker color. If you saturate the color by 10%, you get **54.7517, 33.2856, 52.6703**, and if you desaturate by 10%, it is **63.3899, 46.6916, 67.4818**.

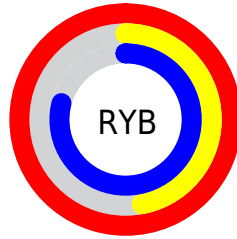
Distribution



Red (100%)

Green (47%)

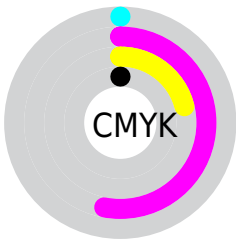
Blue (79%)



Red (100%)

Yellow (47%)

Blue (79%)

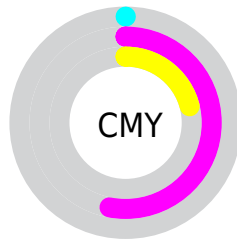


Cyan (0%)

Magenta (53%)

Yellow (21%)

Black (0%)



Cyan (0%)


Magenta (53%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.6200, 39.1518, 59.7258 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 58.6200, 39.1518, 59.7258 by changing the saturation by 10% instead.


 58.6200, 39.1518,
59.7258


 58.6200, 39.1518,
59.7258


409.4090,
342.5354, 441.3629


 42.5525, 26.8778,
42.7738


 101.9430, 73.8702,
105.9713

 29.7271, 17.4815,
29.3776

 129.9291, 97.0833,
136.1018

 19.7786, 10.5784,
19.1186


 162.6189,
124.7117, 171.4624

 12.3415, 5.7841,
11.5783

200.3776,
157.1397, 212.4713

 7.0506, 2.7142,
6.3382

243.5706,
194.7517, 259.5473

 3.5404, 0.9844,
2.9797

292.5632,

 1.4455, 0.0000,

237.9320, 313.1089

1.0843

347.7209,
287.0652, 373.5746

■ 0.2883, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.6200, 39.1518,
59.7258

■ 58.6200, 39.1518,
59.7258

■ 54.7517, 33.2856,
52.6703

■ 63.3899, 46.6916,
67.4818

■ 51.7145, 28.9548,
46.2827

■ 69.1190, 56.0179,
75.9637

■ 49.4316, 26.0082,
40.5299

■ 75.8630, 67.2398,
85.1978

■ 47.8089, 24.2604,
35.3723

■ 83.6727, 80.4565,
95.2082

■ 46.9267, 23.5347,
31.8760

■ 92.5951, 95.7598,
106.0176

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



51.9799, 39.1518, 95.2801



58.6200, 39.1518, 59.7258



58.9048, 39.1518, 30.9311

Triad

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



58.6200, 39.1518, 59.7258



32.8653, 39.1518, 8.5968



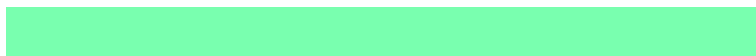
25.1021, 39.1518, 92.4982

Complementary

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



58.6200, 39.1518, 59.7258



51.3847, 78.6809, 53.0395

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.



21.6309, 39.1518, 56.9587



58.6200, 39.1518, 59.7258



25.5460, 39.1518, 14.1591

Square

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



58.6200, 39.1518, 59.7258



42.7818, 39.1518, 8.8054



21.7776, 39.1518, 29.1535



32.1490, 39.1518, 119.2148

Rectangle

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



58.6200, 39.1518, 59.7258



55.3619, 39.1518, 18.9547



21.7776, 39.1518, 29.1535



23.5390, 39.1518, 80.6409

Sweetspot

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



58.6210, 39.1536, 59.7265



80.8519, 75.6603, 91.6616



42.4788, 29.9648, 98.1526



16.9591, 15.6076, 19.1765



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.



58.6210, 39.1536, 59.7265



54.5964, 33.0568, 52.3661



52.4098, 36.6691, 27.0188



18.4646, 18.1692, 21.0639



24.5961, 12.3277, 17.0553



2.4489, 1.2219, 1.9455

Inverse Universe

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



58.6210, 39.1536, 59.7265



54.5964, 33.0568, 52.3661



59.6133, 81.9723, 96.3706



18.4646, 18.1692, 21.0639



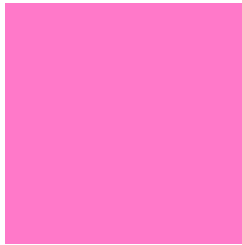
24.5961, 12.3277, 17.0553



2.4489, 1.2219, 1.9455

Previews

White Background



This preview shows how the XYZ color 58.6200, 39.1518, 59.7258 looks on a white background.

Color Contrast Check

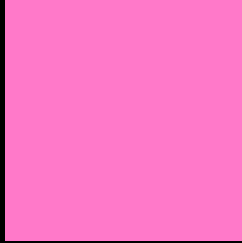
Large Text (above 18pt) WCAG AA × Fail

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 58.6200, 39.1518, 59.7258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

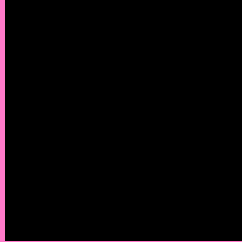
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.6200, 39.1518, 59.7258

Background



This preview shows how black text looks on a background with the XYZ color 58.6200, 39.1518, 59.7258.



This preview shows how white text looks on a background with the XYZ color 58.6200, 39.1518,

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

58.6200, 39.1518, 59.7258

Protanopia

40.5569, 39.4515, 82.5681

Deuteranopia

40.2466, 39.3302, 56.5092



Tritanopia

52.4124, 38.8980, 30.7322

Trichromacy



Original Color

58.6200, 39.1518, 59.7258



Protanomaly

44.4510, 37.5979, 73.3209



Deuteranomaly

45.2966, 37.9075, 57.7528



Tritanomaly

54.3348, 38.8901, 39.7647

Monochromacy



Original Color

58.6200, 39.1518, 59.7258



Achromatopsia

38.2080, 40.1978, 43.7754



Achromatomaly

43.6561, 38.2102, 48.7904

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.6200, 39.1518, 59.7258 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, 121, 201)` looks like.

```
.text, #text, p{  
    color:rgb(255, 121, 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(255, 121, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 121, 201) }
```

Border

The CSS property to change the border of an element to XYZ 58.6200, 39.1518, 59.7258 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, 121, 201) }
```


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

```
.border{ border-color:rgb(255, 121, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 121, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 121, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 121, 201);  
box-shadow:4px 4px 4px 4px rgb(255, 121,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 58.6200, 39.1518, 59.7258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 121, 201) }
```

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

```
.background{ background-color: rgb(255,  
121, 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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