

Converting Colors

XYZ(71.3093, 58.9395, 81.1918)

Have a look what the booklet for
XYZ(71.3093, 58.9395, 81.1918)
contains.

XYZ(71.3637, 59.1016, 81.0453)	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(71.3637, 59.1016,
81.0453)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB3E4
RGB	255, 179, 228
RGB Percent	100%, 70%, 89%
CMY	0.0000, 0.2980, 0.1059
CMYK	0.00, 0.30, 0.11, 0.00
HSL	321°, 100%, 85%
HSV	321°, 30%, 100%
XYZ	71.3637, 59.1016, 81.0453
YIQ	207.3100, 29.5670, 31.3510

Conversions

Conversions Part 2

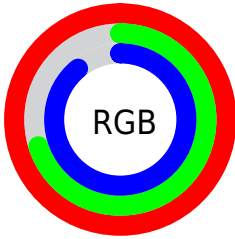
Format	Color
R _Y B	255, 179, 228
Decimal	16757732
CIE Lab	81.35, 34.85, -13.41
CIE LCh	81, 37.338, 338.947
Yxy	59.1016, 0.3374, 0.2794
Android (android.graphics.Color)	4294947812 (0xFFFFB3E4)
YUV	207.3100, 10.2002, 41.8241
Hunter-Lab	76.8776, 31.1618, -8.6900

Details

The XYZ color **71.3637, 59.1016, 81.0453** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **65.4929, 85.5609, 71.4586**, and the grayscale version is **59.4322, 62.5273, 68.0922**.

A 20% lighter version of the original color is **88.9983, 87.8967, 106.8828**, and **37.9024, 29.5547, 43.2421** is the 20% darker color. If you saturate the color by 10%, you get **65.4927, 49.3198, 73.0454**, and if you desaturate by 10%, it is **78.2482, 70.8046, 89.7098**.

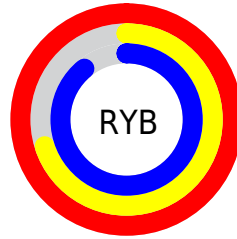
Distribution



Red (100%)

Green (70%)

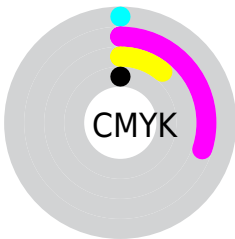
Blue (89%)



Red (100%)

Yellow (70%)

Blue (89%)

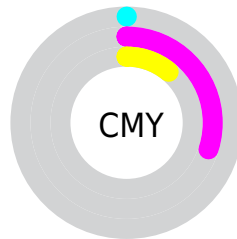


Cyan (0%)

Magenta (30%)

Yellow (11%)

Black (0%)



Cyan (0%)

Magenta (30%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.3637, 59.1016, 81.0453 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 71.3637, 59.1016, 81.0453 by changing the saturation by 10% instead.

71.3637, 59.1016,
81.0453

71.3637, 59.1016,
81.0453

454.5159,
421.2783, 518.2480

52.9227, 42.6949,
60.0477

120.1672,
103.5253, 136.6590

37.9683, 29.6458,
43.0315

151.2603,
132.3111, 172.1122

26.1352, 19.5699,
29.5783

187.3015,
165.9921, 213.2210

17.0580, 12.0828,
19.2694

228.6561,
204.9527, 260.4039

10.3714, 6.8001,
11.6863

275.6895,
249.5772, 314.0796

5.7100, 3.3374,
6.4105


328.7670,

2.7086, 1.3103,


300.2500, 374.6664


3.0235


388.2540,
357.3556, 442.5831


 1.0016, 0.1492,
1.1066


 0.0000, 0.0000,
0.0000


 71.3637, 59.1016,
81.0453


 71.3637, 59.1016,
81.0453

 65.4927, 49.3198,
73.0454


 78.2482, 70.8046,
89.7098

 60.5781, 41.3471,
65.6838

 86.1915, 84.5181,
99.0564

 56.5630, 35.0712,
58.9372

95.0500, 100.0000,
108.9000

 53.3825, 30.3639,
52.7789

■ 50.9625, 27.0787,
47.1788

■ 49.2148, 25.0412,
42.1022

■ 47.9993, 23.9725,
37.4967

■ 47.9775, 23.9550,
37.4090

Harmonies

Analogous

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



66.1380, 59.1016, 103.8651



71.3637, 59.1016, 81.0453



72.3281, 59.1016, 57.9007

Triad

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



71.3637, 59.1016, 81.0453



53.8742, 59.1016, 30.5669



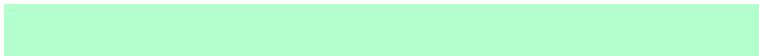
45.3000, 59.1016, 95.2997

Complementary

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



71.3637, 59.1016, 81.0453



65.4929, 85.5609, 71.4586

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.



42.6248, 59.1016, 71.2647



71.3637, 59.1016, 81.0453



47.2652, 59.1016, 36.3959

Square

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



71.3637, 59.1016, 81.0453



61.7353, 59.1016, 32.0163



43.3093, 59.1016, 50.1237



50.9577, 59.1016, 113.3294

Rectangle

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



71.3637, 59.1016, 81.0453



70.3451, 59.1016, 45.7227



43.3093, 59.1016, 50.1237



44.0471, 59.1016, 87.4568

Sweetspot

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



71.3650, 59.1041, 81.0465



86.8755, 85.7073, 99.8358



59.5150, 52.5277, 101.6098



18.3303, 17.8850, 21.0669



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.



71.3650, 59.1041, 81.0465



67.6093, 52.8201, 76.0105



66.6999, 57.2380, 56.4802



18.5026, 18.1844, 21.2639



25.1430, 12.5465, 19.9352



2.5001, 1.2424, 2.2151

Inverse Universe

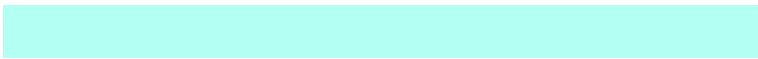
The Inverse Universe completely reimagines the original color for something new.



71.3650, 59.1041, 81.0465



67.6093, 52.8201, 76.0105



70.6203, 87.6118, 98.4593



18.5026, 18.1844, 21.2639



25.1430, 12.5465, 19.9352



2.5001, 1.2424, 2.2151

Previews

White Background



This preview shows how the XYZ color 71.3637, 59.1016, 81.0453 looks on a white background.

Color Contrast Check

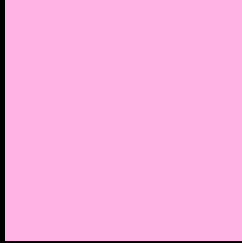
Large Text (above 18pt) WCAG AA × Fail

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 71.3637, 59.1016, 81.0453 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

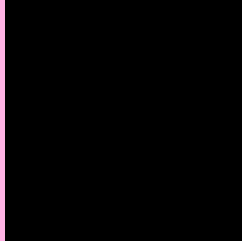
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.3637, 59.1016, 81.0453

Background



This preview shows how black text looks on a background with the XYZ color 71.3637, 59.1016, 81.0453.



This preview shows how white text looks on a background with the XYZ color 71.3637, 59.1016,

81.0453.

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

71.3637, 59.1016, 81.0453

Protanopia

59.1618, 59.6534, 92.4005

Deuteranopia

60.7082, 59.3658, 79.4932



Tritanopia

67.1172, 58.8674, 61.2512

Trichromacy



Original Color

71.3637, 59.1016, 81.0453



Protanomaly

62.6749, 58.8533, 88.1773



Deuteranomaly

64.1358, 58.8119, 79.9230



Tritanomaly

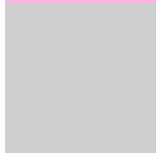
68.3815, 58.7548, 68.0583

Monochromacy



Original Color

71.3637, 59.1016, 81.0453



Achromatopsia

59.3074, 62.3960, 67.9493



Achromatomaly

62.9725, 60.6861, 72.6846

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.3637, 59.1016, 81.0453 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, 179, 228)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 228)  
}
```

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, 179, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 228) }
```

Border

The CSS property to change the border of an element to XYZ 71.3637, 59.1016, 81.0453 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, 179, 228) }
```


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

```
.border{ border-color:rgb(255, 179, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 179, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 228);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 71.3637, 59.1016, 81.0453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 179, 228) }
```

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

```
.background{ background-color: rgb(255,  
179, 228) }
```

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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