

Converting Colors

XYZ(73.2356, 61.3510, 86.2766)

Have a look what the booklet for
XYZ(73.2356, 61.3510, 86.2766)
contains.

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Color

**XYZ(73.3759, 61.5391,
86.6082)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB8EB
RGB	255, 184, 235
RGB Percent	100%, 72%, 92%
CMY	0.0000, 0.2784, 0.0784
CMYK	0.00, 0.28, 0.08, 0.00
HSL	317°, 100%, 86%
HSV	317°, 28%, 100%
XYZ	73.3759, 61.5391, 86.6082
YIQ	211.0430, 25.9450, 30.9130

Conversions

Conversions Part 2

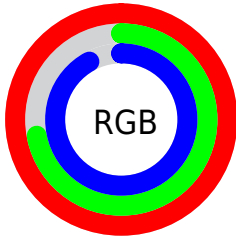
Format	Color
R _Y B	255, 184, 235
Decimal	16759019
CIE Lab	82.67, 33.39, -15.19
CIE LCh	83, 36.681, 335.533
Yxy	61.5391, 0.3312, 0.2778
Android (android.graphics.Color)	4294949099 (0xFFFFB8EB)
YUV	211.0430, 11.8108, 38.5503
Hunter-Lab	78.4469, 29.6794, -10.5455

Details

The XYZ color **73.3759, 61.5391, 86.6082** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **66.4282, 86.0709, 70.2418**, and the grayscale version is **61.8590, 65.0805, 70.8727**.

A 20% lighter version of the original color is **90.7453, 91.3906, 107.4651**, and **39.1453, 31.0903, 46.5857** is the 20% darker color. If you saturate the color by 10%, you get **67.5316, 51.4780, 79.6433**, and if you desaturate by 10%, it is **80.2195, 73.5314, 94.1147**.

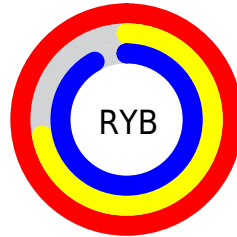
Distribution



Red (100%)

Green (72%)

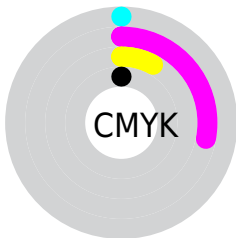
Blue (92%)



Red (100%)

Yellow (72%)

Blue (92%)

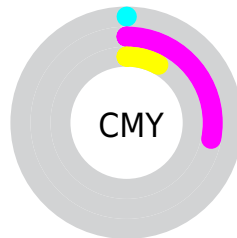


Cyan (0%)

Magenta (28%)

Yellow (8%)

Black (0%)



Cyan (0%)


Magenta (28%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.3759, 61.5391, 86.6082 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 73.3759, 61.5391, 86.6082 by changing the saturation by 10% instead.


 73.3759, 61.5391,
86.6082

 73.3759, 61.5391,
86.6082


461.4002,
430.2479, 537.2173

 54.5729, 44.6604,
64.6132


 123.0110,
107.0591, 144.5120

 39.2923, 31.1900,
46.6982

154.5737,
136.4692, 181.2578

 27.1690, 20.7436,
32.4445


191.1204,
170.8252, 223.7578

 17.8374, 12.9367,
21.4336

233.0163,
210.5116, 272.4303

 10.9323, 7.3850,
13.2470

280.6269,
255.9126, 327.6940

 6.0883, 3.7040,
7.4661

334.3176,

 2.9400, 1.5094,

307.4127, 389.9674

3.6725

394.4535,
365.3964, 459.6690

■ 1.1221, 0.2953,
1.4474

■ 0.0435, 0.0000,
0.1783

■ 73.3759, 61.5391,
86.6082

■ 73.3759, 61.5391,
86.6082

■ 67.5316, 51.4780,
79.6433

■ 80.2195, 73.5314,
94.1147

■ 62.6308, 43.2376,
73.1964

■ 88.1063, 87.5425,
102.1772

■ 58.6182, 36.7082,
67.2475

95.0500, 100.0000,
108.9000

■ 55.4309, 31.7647,
61.7731

■ 52.9975, 28.2651,
56.7469

■ 51.2337, 26.0417,
52.1383

■ 50.0270, 24.8704,
47.9070

■ 49.8047, 24.6859,
47.0310

Harmonies

Analogous

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



67.7348, 61.5391, 108.8289



73.3759, 61.5391, 86.6082



74.8850, 61.5391, 62.9130

Triad

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



73.3759, 61.5391, 86.6082



57.0440, 61.5391, 32.4607



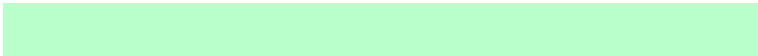
47.0193, 61.5391, 95.4837

Complementary

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



73.3759, 61.5391, 86.6082



66.4282, 86.0709, 70.2418

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.



44.6835, 61.5391, 71.2720



73.3759, 61.5391, 86.6082



50.1291, 61.5391, 37.5606

Square

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



73.3759, 61.5391, 86.6082



64.9859, 61.5391, 34.7907



45.7690, 61.5391, 50.6094



52.4441, 61.5391, 114.7057

Rectangle

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



73.3759, 61.5391, 86.6082



73.2377, 61.5391, 50.0060



45.7690, 61.5391, 50.6094



45.8701, 61.5391, 87.4778

Sweetspot

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



73.3773, 61.5416, 86.6095



87.9724, 87.3032, 102.0445



59.8033, 54.1911, 101.9157



18.5616, 18.2080, 21.5746



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.



73.3773, 61.5416, 86.6095



70.2401, 56.1154, 82.9494



68.8739, 59.7403, 62.8952



18.5616, 18.2080, 21.5746



26.0911, 12.9257, 24.9282



2.5872, 1.2772, 2.6735

Inverse Universe

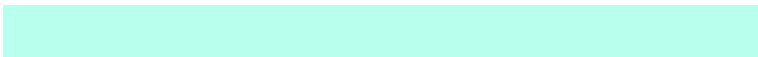
The Inverse Universe completely reimagines the original color for something new.



73.3773, 61.5416, 86.6095



70.2401, 56.1154, 82.9494



71.0251, 87.9097, 94.4490



18.5616, 18.2080, 21.5746



26.0911, 12.9257, 24.9282



2.5872, 1.2772, 2.6735

Previews

White Background



This preview shows how the XYZ color 73.3759, 61.5391, 86.6082 looks on a white background.

Color Contrast Check

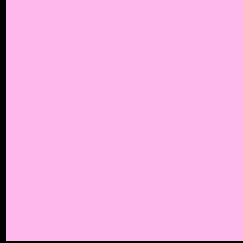
Large Text (above 18pt) WCAG AA × Fail

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 73.3759, 61.5391, 86.6082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

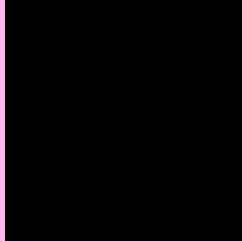
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.3759, 61.5391, 86.6082

Background



This preview shows how black text looks on a background with the XYZ color 73.3759, 61.5391, 86.6082.



This preview shows how white text looks on a background with the XYZ color 73.3759, 61.5391,

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

73.3759, 61.5391, 86.6082

Protanopia

61.5621, 61.8334, 97.4973

Deuteranopia

63.1837, 61.8956, 84.9608



Tritanopia

69.0962, 61.6958, 65.3935

Trichromacy



Original Color

73.3759, 61.5391, 86.6082



Protanomaly

65.0574, 61.3090, 93.1989



Deuteranomaly

66.5362, 61.5714, 85.4684



Tritanomaly

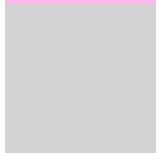
70.3938, 61.5682, 72.4637

Monochromacy



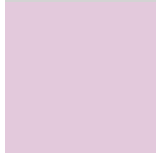
Original Color

73.3759, 61.5391, 86.6082



Achromatopsia

61.9161, 65.1406, 70.9381



Achromatomaly

65.4835, 63.2715, 76.4714

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.3759, 61.5391, 86.6082 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, 184, 235)` looks like.

```
.text, #text, p{  
    color:rgb(255, 184, 235)  
}
```

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, 184, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 184, 235) }
```

Border

The CSS property to change the border of an element to XYZ 73.3759, 61.5391, 86.6082 is called "border". The border property can be set on classes, ids or directly on the HTML element.

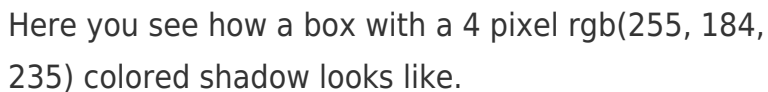
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 184, 235) }
```


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

```
.border{ border-color:rgb(255, 184, 235) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 184, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 184, 235); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 184, 235); box-shadow:4px 4px 4px 4px rgb(255, 184, 235) }
```

Background

The CSS property to change the background color of an element to XYZ 73.3759, 61.5391, 86.6082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 184, 235) }
```

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

```
.background{ background-color: rgb(255,  
184, 235) }
```

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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