

Converting Colors

XYZ(62.9069, 62.8733,
116.2869)

Have a look what the booklet for
XYZ(62.9069, 62.8733, 116.2869)
contains.

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Color

**XYZ(60.3710, 61.8017,
103.3548)**

Conversions

Conversions Part 1

Format	Color
Hex	BACEFF
RGB	186, 206, 255
RGB Percent	73%, 81%, 100%
CMY	0.2706, 0.1921, 0.0000
CMYK	0.27, 0.19, 0.00, 0.00
HSL	223°, 100%, 86%
HSV	223°, 27%, 100%
XYZ	60.3710, 61.8017, 103.3548
YIQ	205.6060, -27.6490, 10.9990

Conversions

Conversions Part 2

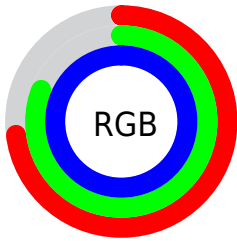
Format	Color
R _Y B	186, 202, 255
Decimal	12242687
CIE Lab	82.81, 3.90, -26.20
CIE LCh	83, 26.487, 278.477
Yxy	61.8017, 0.2677, 0.2740
Android (android.graphics.Color)	4290432767 (0xFFBACEFF)
YUV	205.6060, 24.3512, -17.1945
Hunter-Lab	78.6141, -0.4970, -22.9194

Details

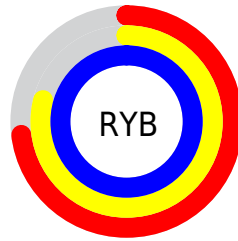
The XYZ color **60.3710, 61.8017, 103.3548** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **79.8114, 84.2215, 58.5060**, and the grayscale version is **58.2780, 61.3130, 66.7699**.

A 20% lighter version of the original color is **90.7721, 97.7947, 108.6998**, and **30.7814, 31.3590, 57.8566** is the 20% darker color. If you saturate the color by 10%, you get **50.6090, 50.6676, 101.7202**, and if you desaturate by 10%, it is **71.7442, 74.5149, 105.2092**.

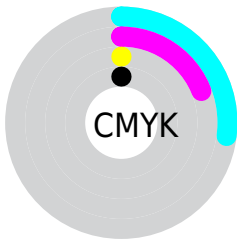
Distribution



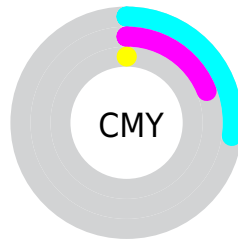
- Red (73%)
- Green (81%)
- Blue (100%)



- Red (73%)
- Yellow (79%)
- Blue (100%)



- Cyan (27%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (27%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.3710, 61.8017, 103.3548 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 60.3710, 61.8017, 103.3548 by changing the saturation by 10% instead.

■ 60.3710, 61.8017,
103.3548

■ 60.3710, 61.8017,
103.3548

415.7768,
431.2074, 592.2340

■ 43.9683, 44.8725,
78.4728

■ 104.4709,
107.4389, 167.8518

■ 30.8434, 31.3570,
57.9437

132.8989,
136.9156, 208.3039

■ 20.6309, 20.8708,
41.3490

166.0661,
171.3437, 254.7830

■ 12.9654, 13.0296,
28.2701

204.3378,
211.1075, 307.7078

■ 7.4815, 7.4490,
18.2886

248.0793,
256.5913, 367.4967

■ 3.8140, 3.7444,
10.9858

297.6561,

■ 1.5975, 1.5316,

308.1797, 434.5684

5.9432

353.4335,
366.2569, 509.3413

■ 0.3908, 0.3108,
2.7424

■ 0.0000, 0.0000,
0.9646

■ 60.3710, 61.8017,
103.3548

■ 60.3710, 61.8017,
103.3548

■ 50.6090, 50.6676,
101.7202

■ 71.7442, 74.5149,
105.2092

■ 42.3772, 41.0412,
100.2960

■ 84.7938, 88.8605,
107.2904

■ 35.5951, 32.8559,
99.0735

95.0500, 100.0000,
108.9000

■ 30.1725, 26.0371,
98.0431

■ 26.0081, 20.5022,
97.1943

■ 22.9849, 16.1587,
96.5152

■ 20.9578, 12.8962,
95.9924

■ 20.4934, 12.1068,
95.8645

Harmonies

Analogous

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



54.8108, 61.8017, 100.9170



60.3710, 61.8017, 103.3548



65.8269, 61.8017, 94.9758

Triad

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



60.3710, 61.8017, 103.3548



67.7450, 61.8017, 49.5908



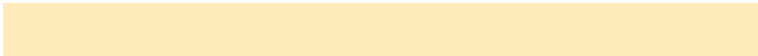
49.1238, 61.8017, 56.4205

Complementary

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



60.3710, 61.8017, 103.3548



79.8114, 84.2215, 58.5060

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.



52.1822, 61.8017, 45.5891



60.3710, 61.8017, 103.3548



62.8540, 61.8017, 42.1125

Square

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



60.3710, 61.8017, 103.3548



70.2610, 61.8017, 62.7701



57.1399, 61.8017, 40.7764



48.5539, 61.8017, 72.0250

Rectangle

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



60.3710, 61.8017, 103.3548



68.5869, 61.8017, 85.0726



57.1399, 61.8017, 40.7764



49.8850, 61.8017, 52.1787

Sweetspot

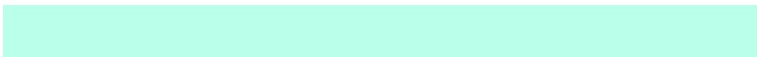
The Sweet Spot groups the original color and five complimentary colors.



60.3728, 61.8041, 103.3551



83.4905, 87.4371, 107.0844



70.9051, 87.9173, 91.3014



17.4319, 18.2354, 22.8510



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.



60.3728, 61.8041, 103.3551



55.3508, 56.1071, 102.5202



59.3763, 54.5914, 102.0155



17.4319, 18.2354, 22.8510



10.8187, 6.5469, 50.1281



1.1425, 0.8157, 4.9105

Inverse Universe

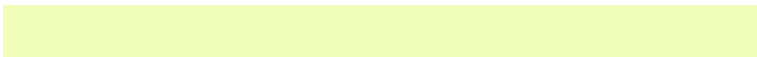
The Inverse Universe completely reimagines the original color for something new.



69.9407, 60.8356, 66.4513



66.3447, 55.3345, 60.0398



80.9674, 93.8014, 60.2942



18.2259, 18.0737, 19.8068



22.2490, 11.3889, 4.6956



2.2113, 1.1269, 0.6940

Previews

White Background



This preview shows how the XYZ color 60.3710, 61.8017, 103.3548 looks on a white background.

Color Contrast Check

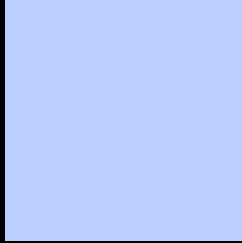
Large Text (above 18pt) WCAG AA × Fail

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 60.3710, 61.8017, 103.3548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

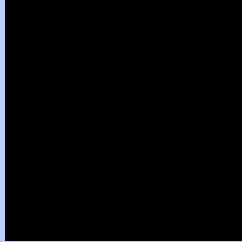
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.3710, 61.8017, 103.3548

Background



This preview shows how black text looks on a background with the XYZ color 60.3710, 61.8017, 103.3548.



This preview shows how white text looks on a background with the XYZ color 60.3710, 61.8017,

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

60.3710, 61.8017, 103.3548

Protanopia

61.5706, 61.7469, 101.6017

Deuteranopia

62.9899, 61.7404, 103.2049



Tritanopia

56.1202, 61.8933, 82.3875

Trichromacy



Original Color

60.3710, 61.8017, 103.3548

Protanomaly

61.2066, 61.8948, 102.4869

Deuteranomaly

61.9116, 61.5340, 103.2219

Tritanomaly

57.5245, 61.7191, 89.7700

Monochromacy



Original Color

60.3710, 61.8017, 103.3548

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

59.0790, 61.6665, 79.3100

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.3710, 61.8017, 103.3548 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(186, 206, 255)` looks like.

```
.text, #text, p{  
    color:rgb(186, 206, 255)  
}
```

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(186, 206, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 206, 255) }
```

Border

The CSS property to change the border of an element to XYZ 60.3710, 61.8017, 103.3548 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(186, 206, 255) }
```


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

```
.border{ border-color:rgb(186, 206, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 206, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 206, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 206, 255);  
box-shadow:4px 4px 4px 4px rgb(186, 206,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 60.3710, 61.8017, 103.3548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 206, 255) }
```

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

```
.background{ background-color: rgb(186,  
206, 255) }
```

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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