

Converting Colors

XYZ(60.1023, 61.1954,
103.2519)

Have a look what the booklet for
XYZ(60.1023, 61.1954, 103.2519)
contains.

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Color

**XYZ(60.1310, 61.3217,
103.2748)**

Conversions

Conversions Part 1

Format	Color
Hex	BACDFE
RGB	186, 205, 255
RGB Percent	73%, 80%, 100%
CMY	0.2706, 0.1961, 0.0000
CMYK	0.27, 0.20, 0.00, 0.00
HSL	223°, 100%, 86%
HSV	223°, 27%, 100%
XYZ	60.1310, 61.3217, 103.2748
YIQ	205.0190, -27.3740, 11.5220

Conversions

Conversions Part 2

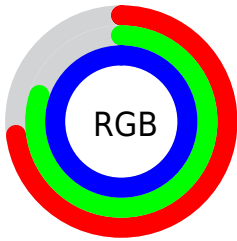
Format	Color
R _Y B	186, 201, 255
Decimal	12242431
CIE _{Lab}	82.55, 4.44, -26.59
CIE _{LCh}	83, 26.957, 279.479
Y _{xy}	61.3217, 0.2676, 0.2729
Android (android.graphics.Color)	4290432511 (0xFFBACDFF)
YUV	205.0190, 24.6406, -16.6797
Hunter-Lab	78.3082, 0.0266, -23.3774

Details

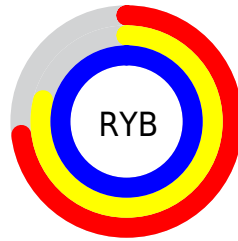
The XYZ color **60.1310, 61.3217, 103.2748** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **80.0985, 84.7958, 58.6018**, and the grayscale version is **57.9026, 60.9181, 66.3398**.

A 20% lighter version of the original color is **90.7721, 97.7947, 108.6998**, and **30.6197, 31.0357, 57.8027** is the 20% darker color. If you saturate the color by 10%, you get **50.3180, 50.0856, 101.6232**, and if you desaturate by 10%, it is **71.5749, 74.1764, 105.1528**.

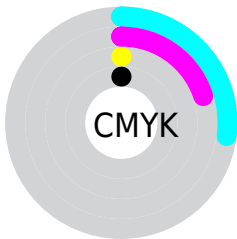
Distribution



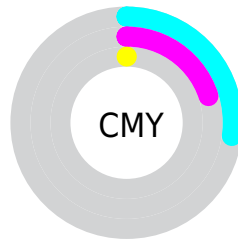
- Red (73%)
- Green (80%)
- Blue (100%)



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



- Cyan (27%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (27%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.1310, 61.3217, 103.2748 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 60.1310, 61.3217, 103.2748 by changing the saturation by 10% instead.

■ 60.1310, 61.3217,
103.2748

■ 60.1310, 61.3217,
103.2748

414.9075,
429.4526, 591.9778

■ 43.7741, 44.4848,
78.4062

■ 104.1249,
106.7446, 167.7413

■ 30.6901, 31.0519,
57.8893

132.4927,
136.0994, 208.1762

■ 20.5136, 20.6383,
41.3055

165.5948,
170.3957, 254.6370

■ 12.8794, 12.8599,
28.2364

203.7965,
210.0178, 307.5422

■ 7.4220, 7.3321,
18.2633

247.4633,
255.3502, 367.3104

■ 3.7760, 3.6707,
10.9678

296.9605,

■ 1.5762, 1.4911,

306.7771, 434.3600

5.9313

352.6534,
364.6831, 509.1096

■ 0.3768, 0.2825,
2.7352

■ 0.0000, 0.0000,
0.9611

■ 60.1310, 61.3217,
103.2748

■ 60.1310, 61.3217,
103.2748

■ 50.3180, 50.0856,
101.6232

■ 71.5749, 74.1764,
105.1528

■ 42.0538, 40.3944,
100.1882

■ 84.7161, 88.7051,
107.2645

■ 35.2568, 32.1793,
98.9607

95.0500, 100.0000,
108.9000

■ 29.8353, 25.3627,
97.9307

■ 25.6867, 19.8594,
97.0872

■ 22.6923, 15.5734,
96.4177

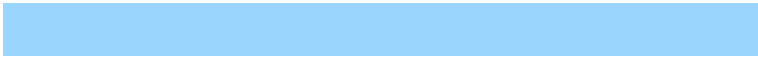
■ 20.7050, 12.3906,
95.9081

■ 20.2542, 11.6283,
95.7847

Harmonies

Analogous

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



54.4805, 61.3217, 101.1725



60.1310, 61.3217, 103.2748



65.6279, 61.3217, 94.4240

Triad

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



60.1310, 61.3217, 103.2748



67.2756, 61.3217, 48.5336



48.4977, 61.3217, 56.2369

Complementary

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



60.1310, 61.3217, 103.2748



80.0985, 84.7958, 58.6018

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.



51.5103, 61.3217, 45.1212



60.1310, 61.3217, 103.2748



62.2614, 61.3217, 41.2097

Square

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



60.1310, 61.3217, 103.2748



69.9286, 61.3217, 61.6709



56.4761, 61.3217, 40.0731



48.0104, 61.3217, 72.1404

Rectangle

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



60.1310, 61.3217, 103.2748



68.3753, 61.3217, 84.2432



56.4761, 61.3217, 40.0731



49.2387, 61.3217, 51.8953

Sweetspot

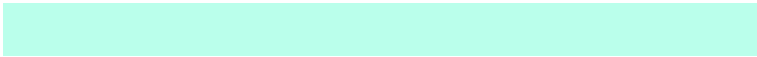
The Sweet Spot groups the original color and five complimentary colors.



60.1328, 61.3241, 103.2751



83.4033, 87.2627, 107.0553



71.0711, 87.9838, 92.1760



17.4101, 18.1918, 22.8437



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.



60.1328, 61.3241, 103.2751



55.0831, 55.5718, 102.4310



59.6842, 54.7501, 102.0299



17.4101, 18.1918, 22.8437



10.6895, 6.2886, 50.0850



1.1275, 0.7857, 4.9055

Inverse Universe

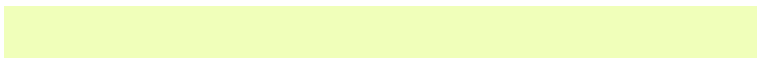
The Inverse Universe completely reimagines the original color for something new.



69.8195, 60.7871, 65.8133



66.2096, 55.2805, 59.3285



80.5757, 93.5994, 60.2759



18.2149, 18.0693, 19.7487



22.1838, 11.3628, 4.3522



2.2037, 1.1239, 0.6542

Previews

White Background



This preview shows how the XYZ color 60.1310, 61.3217, 103.2748 looks on a white background.

Color Contrast Check

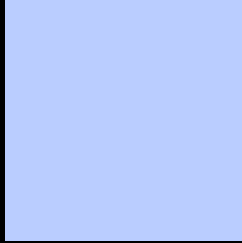
Large Text (above 18pt) WCAG AA × Fail

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 60.1310, 61.3217, 103.2748 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 60.1310, 61.3217, 103.2748

Background



This preview shows how black text looks on a background with the XYZ color 60.1310, 61.3217, 103.2748.



This preview shows how white text looks on a background with the XYZ color 60.1310, 61.3217,

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

60.1310, 61.3217, 103.2748

Protanopia

61.2376, 61.2051, 102.3521

Deuteranopia

62.4898, 61.1354, 103.1145



Tritanopia

55.7341, 61.3425, 81.5758

Trichromacy



Original Color

60.1310, 61.3217, 103.2748

Protanomaly

60.7175, 61.2886, 102.3957

Deuteranomaly

61.4187, 60.9304, 103.1314

Tritanomaly

57.1333, 61.1713, 88.9167

Monochromacy



Original Color

60.1310, 61.3217, 103.2748

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.4393, 60.9961, 78.5054

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1310, 61.3217, 103.2748 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, 205, 255)` looks like.

```
.text, #text, p{  
    color:rgb(186, 205, 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, 205, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 205, 255) }
```

Border

The CSS property to change the border of an element to XYZ 60.1310, 61.3217, 103.2748 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, 205, 255) }
```


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

```
.border{ border-color:rgb(186, 205, 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, 205, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 205, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 205, 255);  
box-shadow:4px 4px 4px 4px rgb(186, 205,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1310, 61.3217, 103.2748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 205, 255) }
```

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

```
.background{ background-color: rgb(186,  
205, 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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