

Converting Colors

XYZ(60.7877, 61.9088,
103.3535)

Have a look what the booklet for
XYZ(60.7877, 61.9088, 103.3535)
contains.

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Color

**XYZ(60.8603, 62.0540,
103.3777)**

Conversions

Conversions Part 1

Format	Color
Hex	BCCEFF
RGB	188, 206, 255
RGB Percent	74%, 81%, 100%
CMY	0.2627, 0.1921, 0.0000
CMYK	0.26, 0.19, 0.00, 0.00
HSL	224°, 100%, 87%
HSV	224°, 26%, 100%
XYZ	60.8603, 62.0540, 103.3777
YIQ	206.2040, -26.4570, 11.4230

Conversions

Conversions Part 2

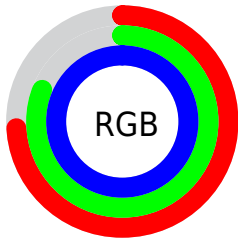
Format	Color
R _Y B	188, 202, 255
Decimal	12373759
CIE Lab	82.94, 4.48, -25.98
CIE LCh	83, 26.365, 279.791
Yxy	62.0540, 0.2689, 0.2742
Android (android.graphics.Color)	4290563839 (0xFFBCCEFF)
YUV	206.2040, 24.0564, -15.9649
Hunter-Lab	78.7744, 0.0522, -22.6658

Details

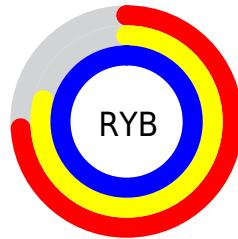
The XYZ color **60.8603, 62.0540, 103.3777** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **80.6012, 85.4585, 59.8256**, and the grayscale version is **58.6612, 61.7162, 67.2089**.

A 20% lighter version of the original color is **91.4662, 98.1525, 108.7323**, and **31.0941, 31.5202, 57.8713** is the 20% darker color. If you saturate the color by 10%, you get **50.8986, 50.6460, 101.7007**, and if you desaturate by 10%, it is **72.4681, 75.1043, 105.2848**.

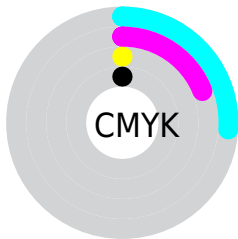
Distribution



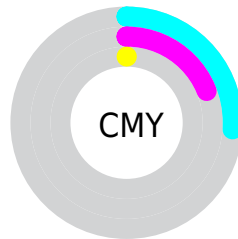
- Red (74%)
- Green (81%)
- Blue (100%)



- Red (74%)
- Yellow (79%)
- Blue (100%)



- Cyan (26%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (26%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.8603, 62.0540, 103.3777 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 60.8603, 62.0540, 103.3777 by changing the saturation by 10% instead.

■ 60.8603, 62.0540,
103.3777

■ 60.8603, 62.0540,
103.3777

417.5457,
432.1280, 592.3074

■ 44.3645, 45.0763,
78.4918

■ 105.1759,
107.8036, 167.8834

■ 31.1563, 31.5176,
57.9592

133.7264,
137.3443, 208.3404

■ 20.8703, 20.9933,
41.3614

167.0260,
171.8414, 254.8248

■ 13.1412, 13.1191,
28.2798

205.4398,
211.6795, 307.7552

■ 7.6035, 7.5106,
18.2958

249.3334,
257.2427, 367.5501

■ 3.8920, 3.7834,
10.9909

299.0720,

■ 1.6412, 1.5532,

308.9157, 434.6281

5.9466

355.0210,
367.0826, 509.4076

■ 0.4190, 0.3257,
2.7444

■ 0.0000, 0.0000,
0.9656

■ 60.8603, 62.0540,
103.3777

■ 60.8603, 62.0540,
103.3777

■ 50.8986, 50.6460,
101.7007

■ 72.4681, 75.1043,
105.2848

■ 42.5006, 40.8058,
100.2440

■ 85.7884, 89.8528,
107.4295

■ 35.5848, 32.4637,
98.9984

95.0500, 100.0000,
108.9000

■ 30.0596, 25.5417,
97.9535

■ 25.8226, 19.9536,
97.0982

■ 22.7561, 15.6030,
96.4200

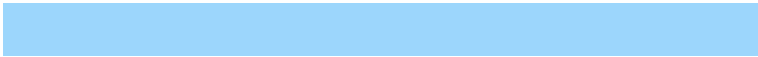
■ 20.7167, 12.3768,
95.9048

■ 20.1484, 11.4169,
95.7495

Harmonies

Analogous

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



55.2819, 62.0540, 101.4352



60.8603, 62.0540, 103.3777



66.2617, 62.0540, 94.6094

Triad

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



60.8603, 62.0540, 103.3777



67.7911, 62.0540, 49.4347



49.2992, 62.0540, 57.3119

Complementary

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



60.8603, 62.0540, 103.3777



80.6012, 85.4585, 59.8256

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.



52.2532, 62.0540, 46.2403



60.8603, 62.0540, 103.3777



62.8404, 62.0540, 42.2252

Square

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



60.8603, 62.0540, 103.3777



70.4298, 62.0540, 62.3776



57.1397, 62.0540, 41.1582



48.8445, 62.0540, 73.0350

Rectangle

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



60.8603, 62.0540, 103.3777



68.9476, 62.0540, 84.5862



57.1397, 62.0540, 41.1582



50.0234, 62.0540, 52.9978

Sweetspot

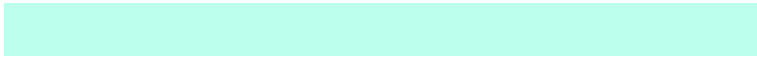
The Sweet Spot groups the original color and five complimentary colors.



60.8621, 62.0564, 103.3780



83.3630, 87.1822, 107.0419



71.6426, 88.2689, 92.6318



17.4000, 18.1716, 22.8403



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.



60.8621, 62.0564, 103.3780



54.9602, 55.3259, 102.3900



60.5316, 55.8167, 102.1911



17.4000, 18.1716, 22.8403



10.6323, 6.1742, 50.0659



1.1208, 0.7722, 4.9033

Inverse Universe

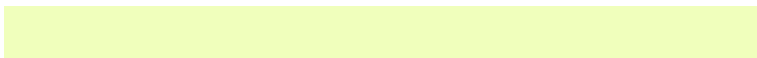
The Inverse Universe completely reimagines the original color for something new.



70.3649, 61.6841, 66.5928



66.1475, 55.2556, 59.0017



80.9371, 93.7610, 61.4104



18.2098, 18.0672, 19.7219



22.1549, 11.3513, 4.2002



2.2003, 1.1225, 0.6363

Previews

White Background



This preview shows how the XYZ color 60.8603, 62.0540, 103.3777 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 60.8603, 62.0540, 103.3777 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

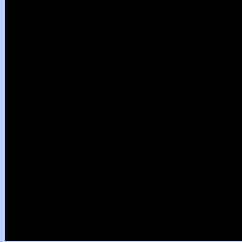
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.8603, 62.0540, 103.3777

Background



This preview shows how black text looks on a background with the XYZ color 60.8603, 62.0540, 103.3777.



This preview shows how white text looks on a background with the XYZ color 60.8603, 62.0540,

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

60.8603, 62.0540, 103.3777

Protanopia

61.9879, 61.9436, 102.4551

Deuteranopia

63.2579, 61.8786, 103.2174



Tritanopia

56.5893, 62.1351, 82.4095

Trichromacy



Original Color

60.8603, 62.0540, 103.3777

Protanomaly

61.4589, 62.0249, 102.4987

Deuteranomaly

62.1709, 61.6676, 103.2340

Tritanomaly

58.0002, 61.9643, 89.7923

Monochromacy



Original Color

60.8603, 62.0540, 103.3777

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 60.8603, 62.0540, 103.3777 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(188, 206, 255)` looks like.

```
.text, #text, p{  
    color:rgb(188, 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(188, 206, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 206, 255) }
```

Border

The CSS property to change the border of an element to XYZ 60.8603, 62.0540, 103.3777 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(188, 206, 255) }
```


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

```
.border{ border-color:rgb(188, 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(188, 206, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 206, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 206, 255);  
box-shadow:4px 4px 4px 4px rgb(188, 206,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8603, 62.0540, 103.3777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 206, 255) }
```

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

```
.background{ background-color: rgb(188,  
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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