

Converting Colors

XYZ(59.9290, 60.8636,
103.1970)

Have a look what the booklet for
XYZ(59.9290, 60.8636, 103.1970)
contains.

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Color

**XYZ(59.8926, 60.8448,
103.1953)**

Conversions

Conversions Part 1

Format	Color
Hex	BACCFE
RGB	186, 204, 255
RGB Percent	73%, 80%, 100%
CMY	0.2706, 0.2000, 0.0000
CMYK	0.27, 0.20, 0.00, 0.00
HSL	224°, 100%, 86%
HSV	224°, 27%, 100%
XYZ	59.8926, 60.8448, 103.1953
YIQ	204.4320, -27.0990, 12.0450

Conversions

Conversions Part 2

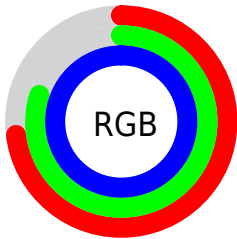
Format	Color
R _Y B	186, 200, 255
Decimal	12242175
CIE Lab	82.30, 4.98, -26.98
CIE LCh	82, 27.435, 280.449
Yxy	60.8448, 0.2675, 0.2717
Android (android.graphics.Color)	4290432255 (0xFFBACCF)
YUV	204.4320, 24.9300, -16.1649
Hunter-Lab	78.0031, 0.5511, -23.8364

Details

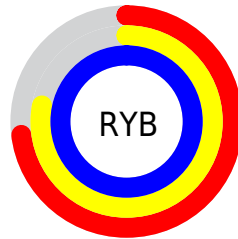
The XYZ color **59.8926, 60.8448, 103.1953** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **80.3874, 85.3735, 58.6982**, and the grayscale version is **57.5287, 60.5247, 65.9113**.

A 20% lighter version of the original color is **90.7721, 97.7947, 108.6998**, and **30.4595, 30.7152, 57.7493** is the 20% darker color. If you saturate the color by 10%, you get **50.0298, 49.5091, 101.5271**, and if you desaturate by 10%, it is **71.4064, 73.8393, 105.0966**.

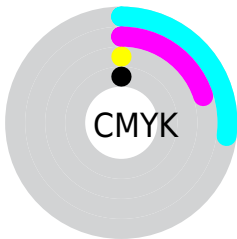
Distribution



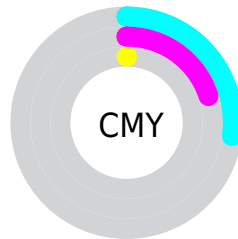
- Red (73%)
- Green (80%)
- Blue (100%)



- Red (73%)
- Yellow (78%)
- 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 59.8926, 60.8448, 103.1953 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 59.8926, 60.8448, 103.1953 by changing the saturation by 10% instead.

■ 59.8926, 60.8448,
103.1953

■ 59.8926, 60.8448,
103.1953

414.0429,
427.7047, 591.7232

■ 43.5812, 44.0999,
78.3400

■ 103.7811,
106.0542, 167.6314

■ 30.5379, 30.7491,
57.8352

132.0889,
135.2875, 208.0493

■ 20.3973, 20.4079,
41.2624

165.1262,
169.4524, 254.4919

■ 12.7941, 12.6919,
28.2029

203.2584,
208.9333, 307.3777

■ 7.3630, 7.2167,
18.2383

246.8508,
254.1146, 367.1251

■ 3.7384, 3.5980,
10.9500

296.2688,

■ 1.5553, 1.4513,

305.3806, 434.1528

5.9195

351.8777,
363.1159, 508.8793

■ 0.3630, 0.2541,
2.7282

■ 0.0000, 0.0000,
0.9576

■ 59.8926, 60.8448,
103.1953

■ 59.8926, 60.8448,
103.1953

■ 50.0298, 49.5091,
101.5271

■ 71.4064, 73.8393,
105.0966

■ 41.7347, 39.7562,
100.0818

■ 84.6387, 88.5501,
107.2387

■ 34.9245, 31.5146,
98.8500

95.0500, 100.0000,
108.9000

■ 29.5061, 24.7041,
97.8210

■ 25.3752, 19.2364,
96.9833

■ 22.4116, 15.0119,
96.3241

■ 20.4660, 11.9125,
95.8284

■ 20.0291, 11.1783,
95.7097

Harmonies

Analogous

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



54.1524, 60.8448, 101.4296



59.8926, 60.8448, 103.1953



65.4302, 60.8448, 93.8743

Triad

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



59.8926, 60.8448, 103.1953



66.8086, 60.8448, 47.4914



47.8773, 60.8448, 56.0552

Complementary

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



59.8926, 60.8448, 103.1953



80.3874, 85.3735, 58.6982

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.



50.8445, 60.8448, 44.6576



59.8926, 60.8448, 103.1953



61.6728, 60.8448, 40.3203

Square

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



59.8926, 60.8448, 103.1953



69.5978, 60.8448, 60.5842



55.8176, 60.8448, 39.3786



47.4716, 60.8448, 72.2577

Rectangle

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



59.8926, 60.8448, 103.1953



68.1650, 60.8448, 83.4189



55.8176, 60.8448, 39.3786



48.5983, 60.8448, 51.6143

Sweetspot

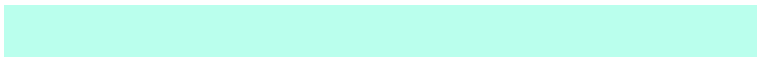
The Sweet Spot groups the original color and five complimentary colors.



59.8944, 60.8471, 103.1956



83.3162, 87.0885, 107.0263



71.2384, 88.0507, 93.0562



17.3883, 18.1481, 22.8364



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.



59.8944, 60.8471, 103.1956



54.8176, 55.0407, 102.3425



59.9946, 54.9102, 102.0444



17.3883, 18.1481, 22.8364



10.5676, 6.0448, 50.0444



1.1131, 0.7569, 4.9007

Inverse Universe

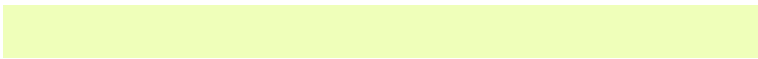
The Inverse Universe completely reimagines the original color for something new.



69.6992, 60.7391, 65.1795



66.0755, 55.2268, 58.6226



80.1864, 93.3988, 60.2578



18.2039, 18.0649, 19.6908



22.1222, 11.3382, 4.0283



2.1964, 1.1210, 0.6159

Previews

White Background



This preview shows how the XYZ color 59.8926, 60.8448, 103.1953 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 59.8926, 60.8448, 103.1953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

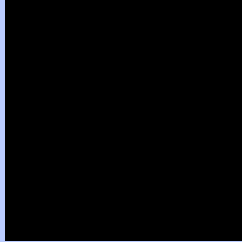
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.8926, 60.8448, 103.1953

Background



This preview shows how black text looks on a background with the XYZ color 59.8926, 60.8448, 103.1953.



This preview shows how white text looks on a background with the XYZ color 59.8926, 60.8448,

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

59.8926, 60.8448, 103.1953

Protanopia

60.7482, 60.6033, 102.2618

Deuteranopia

61.9930, 60.5343, 103.0247



Tritanopia

55.3503, 60.7952, 80.7689

Trichromacy



Original Color

59.8926, 60.8448, 103.1953

Protanomaly

60.4805, 60.8148, 102.3167

Deuteranomaly

61.1848, 60.4626, 103.0534

Tritanomaly

56.8903, 60.6852, 88.8357

Monochromacy



Original Color

59.8926, 60.8448, 103.1953

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.9381, 60.3838, 78.4136

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.8926, 60.8448, 103.1953 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, 204, 255)` looks like.

```
.text, #text, p{  
    color:rgb(186, 204, 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, 204, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 204, 255) }
```

Border

The CSS property to change the border of an element to XYZ 59.8926, 60.8448, 103.1953 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, 204, 255) }
```


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

```
.border{ border-color:rgb(186, 204, 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, 204, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 204, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 204, 255);  
box-shadow:4px 4px 4px 4px rgb(186, 204,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 59.8926, 60.8448, 103.1953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 204, 255) }
```

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

```
.background{ background-color: rgb(186,  
204, 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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