

Converting Colors

XYZ(61.0870, 58.5040, 96.8797)

Have a look what the booklet for
XYZ(61.0870, 58.5040, 96.8797)
contains.

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Color

**XYZ(61.0870, 58.5040,
96.8797)**

Conversions

Conversions Part 1

Format	Color
Hex	CBC3F8
RGB	203, 195, 248
RGB Percent	80%, 76%, 97%
CMY	0.2039, 0.2353, 0.0274
CMYK	0.18, 0.21, 0.00, 0.03
HSL	249°, 79%, 87%
HSV	249°, 21%, 97%
XYZ	61.0870, 58.5040, 96.8797
YIQ	203.4340, -12.2450, 18.1790

Conversions

Conversions Part 2

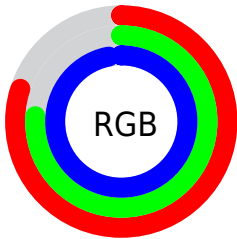
Format	Color
R _{YB}	203, 195, 248
Decimal	13353976
CIE Lab	81.02, 13.31, -25.09
CIE LCh	81, 28.402, 297.947
Yxy	58.5040, 0.2822, 0.2703
Android (android.graphics.Color)	4291544056 (0xFFCBC3F8)
YUV	203.4340, 21.9710, -0.3806
Hunter-Lab	76.4879, 8.7050, -21.5553

Details

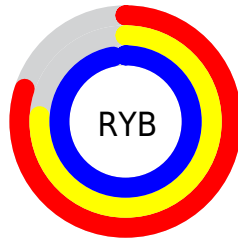
The XYZ color **61.0870, 58.5040, 96.8797** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **79.3547, 89.6016, 64.7447**, and the grayscale version is **56.9107, 59.8745, 65.2033**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **31.1416, 29.1072, 53.2671** is the 20% darker color. If you saturate the color by 10%, you get **50.6350, 45.5419, 94.9296**, and if you desaturate by 10%, it is **73.2444, 73.7180, 99.1765**.

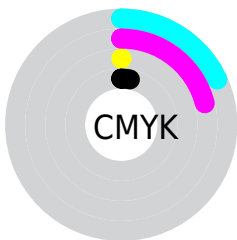
Distribution



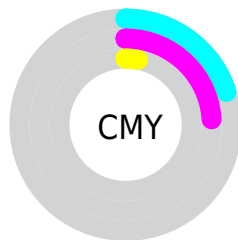
- Red (80%)
- Green (76%)
- Blue (97%)



- Red (80%)
- Yellow (76%)
- Blue (97%)



- Cyan (18%)
- Magenta (21%)
- Yellow (0%)
- Black (3%)



- Cyan (20%)
- Magenta (24%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.0870, 58.5040, 96.8797 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 61.0870, 58.5040, 96.8797 by changing the saturation by 10% instead.

61.0870, 58.5040,
96.8797

61.0870, 58.5040,
96.8797

418.3637,
419.0613, 571.3026

44.5482, 42.2140,
73.0949

105.5023,
102.6564, 158.8768

31.3015, 29.2689,
53.5613

134.1095,
131.2876, 197.9262

20.9815, 19.2843,
37.8603

167.4702,
164.8013, 242.9009

13.2228, 11.8759,
25.5733

205.9498,
203.5819, 294.2194

7.6602, 6.6592,
16.2818

249.9135,
248.0139, 352.3003

3.9283, 3.2499,
9.5672

299.7269,

1.6616, 1.2636,

298.4815, 417.5621

5.0112

355.7552,
355.3692, 490.4234

■ 0.4321, 0.1127,
2.1950

■ 0.0000, 0.0000,
0.6715

■ 61.0870, 58.5040,
96.8797

■ 61.0870, 58.5040,
96.8797

■ 50.6350, 45.5419,
94.9296

■ 73.2444, 73.7180,
99.1765

■ 41.8061, 34.7173,
93.3056

■ 87.1734, 91.2767,
101.8315

■ 34.5196, 25.9168,
91.9910

■ 93.9435, 99.5574,
103.0730

■ 28.6852, 19.0133,
90.9659

■ 24.2034, 13.8653,
90.2085

■ 20.9616, 10.3110,
89.6933

■ 18.8278, 8.1580,
89.3902

■ 17.7219, 7.1787,
89.2595

Harmonies

Analogous

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



55.2014, 58.5040, 101.9423



61.0870, 58.5040, 96.8797



65.7726, 58.5040, 82.5197

Triad

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



61.0870, 58.5040, 96.8797



61.8385, 58.5040, 39.9670



45.0347, 58.5040, 62.5456

Complementary

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



61.0870, 58.5040, 96.8797



79.3547, 89.6016, 64.7447

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.



46.5456, 58.5040, 47.9856



61.0870, 58.5040, 96.8797



56.0132, 58.5040, 36.4646

Square

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



61.0870, 58.5040, 96.8797



66.2276, 58.5040, 49.6718



50.4636, 58.5040, 39.1211



46.1860, 58.5040, 80.1503

Rectangle

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



61.0870, 58.5040, 96.8797



67.4388, 58.5040, 70.7197



50.4636, 58.5040, 39.1211



45.2457, 58.5040, 57.1626

Sweetspot

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



61.0889, 58.5064, 96.8810



85.7429, 88.2425, 107.1211



70.6255, 80.7306, 100.6681



18.1447, 18.6256, 22.8887



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.



61.0889, 58.5064, 96.8810



59.6584, 55.5882, 102.1930



68.9171, 62.5420, 97.2474



16.5268, 16.7687, 21.7509



9.6449, 3.9148, 48.2208



0.9633, 0.3987, 4.4694

Inverse Universe

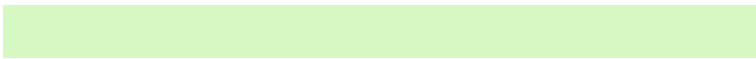
The Inverse Universe completely reimagines the original color for something new.



73.9565, 65.2802, 91.1426



75.8536, 64.1184, 94.7594



71.0199, 85.3048, 64.3546



17.8738, 17.4769, 21.1913



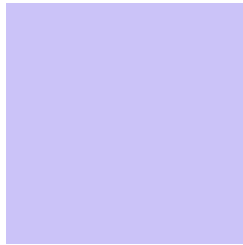
27.2764, 13.3263, 34.4937



2.5558, 1.2461, 3.3503

Previews

White Background



This preview shows how the XYZ color 61.0870, 58.5040, 96.8797 looks on a white background.

Color Contrast Check

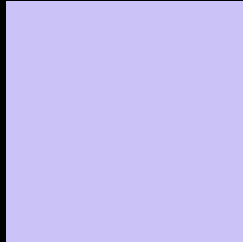
Large Text (above 18pt) WCAG AA × Fail

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 61.0870, 58.5040, 96.8797 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 61.0870, 58.5040, 96.8797

Background



This preview shows how black text looks on a background with the XYZ color 61.0870, 58.5040, 96.8797.

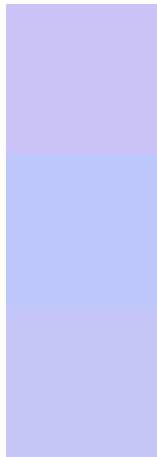


This preview shows how white text looks on a background with the XYZ color 61.0870, 58.5040,

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

61.0870, 58.5040, 96.8797

Protanopia

58.8223, 58.6307, 99.4834

Deuteranopia

59.9355, 58.5801, 96.9551



Tritanopia

56.4370, 58.6534, 73.9923

Trichromacy



Original Color

61.0870, 58.5040, 96.8797

Protanomaly

59.6975, 58.7596, 98.6378

Deuteranomaly

60.2364, 58.3993, 96.9043

Tritanomaly

57.9802, 58.5904, 81.6520

Monochromacy



Original Color

61.0870, 58.5040, 96.8797

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

58.0691, 59.1195, 75.3685

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.0870, 58.5040, 96.8797 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(203, 195, 248)` looks like.

```
.text, #text, p{  
    color:rgb(203, 195, 248)  
}
```

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(203, 195, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 195, 248) }
```

Border

The CSS property to change the border of an element to XYZ 61.0870, 58.5040, 96.8797 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(203, 195, 248) }
```


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

```
.border{ border-color:rgb(203, 195, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 195, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 195, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 195, 248);  
box-shadow:4px 4px 4px 4px rgb(203, 195,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0870, 58.5040, 96.8797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 195, 248) }
```

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

```
.background{ background-color: rgb(203,  
195, 248) }
```

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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