

Converting Colors

XYZ(61.7017, 59.1442,
102.7717)

Have a look what the booklet for
XYZ(61.7017, 59.1442, 102.7717)
contains.

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Color

**XYZ(61.6093, 58.9792,
102.7447)**

Conversions

Conversions Part 1

Format	Color
Hex	C8C4FF
RGB	200, 196, 255
RGB Percent	78%, 77%, 100%
CMY	0.2157, 0.2314, 0.0000
CMYK	0.22, 0.23, 0.00, 0.00
HSL	244°, 100%, 88%
HSV	244°, 23%, 100%
XYZ	61.6093, 58.9792, 102.7447
YIQ	203.9220, -16.5550, 19.1970

Conversions

Conversions Part 2

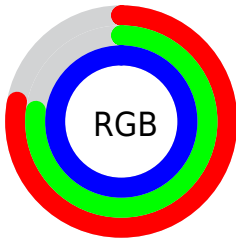
Format	Color
R _Y B	200, 196, 255
Decimal	13157631
CIE Lab	81.28, 13.41, -28.44
CIE LCh	81, 31.446, 295.238
Yxy	58.9792, 0.2759, 0.2641
Android (android.graphics.Color)	4291347711 (0xFFC8C4FF)
YUV	203.9220, 25.1815, -3.4396
Hunter-Lab	76.7979, 8.8010, -25.5631

Details

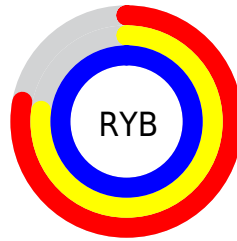
The XYZ color **61.6093, 58.9792, 102.7447** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **85.5085, 96.0152, 66.2531**, and the grayscale version is **57.2002, 60.1791, 65.5350**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **31.5431, 29.4430, 57.4466** is the 20% darker color. If you saturate the color by 10%, you get **50.4762, 45.4159, 100.7135**, and if you desaturate by 10%, it is **74.7104, 75.0109, 105.1486**.

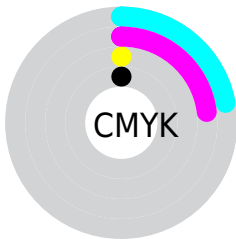
Distribution



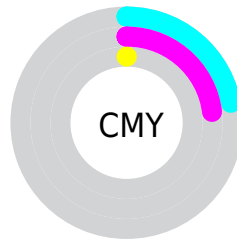
- Red (78%)
- Green (77%)
- Blue (100%)



- Red (78%)
- Yellow (77%)
- Blue (100%)



- Cyan (22%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (23%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.6093, 58.9792, 102.7447 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 61.6093, 58.9792, 102.7447 by changing the saturation by 10% instead.

61.6093, 58.9792,
102.7447

61.6093, 58.9792,
102.7447

420.2448,
420.8248, 590.2787

44.9715, 42.5964,
77.9651

106.2538,
103.3474, 167.0086

31.6361, 29.5686,
57.5290

134.9912,
132.1016, 207.3300

21.2379, 19.5113,
41.0179

168.4925,
165.7484, 253.6691

13.4115, 12.0403,
28.0133

207.1230,
204.6722, 306.4444

7.7915, 6.7712,
18.0966

251.2481,
249.2573, 366.0745

4.0125, 3.3194,
10.8492

301.2333,

1.7092, 1.3007,

299.8882, 432.9779

5.8526

357.4437,
356.9492, 507.5731

■ 0.4620, 0.1417,
2.6883

■ 0.0000, 0.0000,
0.9375

■ 61.6093, 58.9792,
102.7447

■ 61.6093, 58.9792,
102.7447

■ 50.4762, 45.4159,
100.7135

■ 74.7104, 75.0109,
105.1486

■ 41.2111, 34.1919,
99.0354

■ 89.8628, 93.6177,
107.9415

■ 33.7128, 25.1767,
97.6905

95.0500, 100.0000,
108.9000

■ 27.8689, 18.2243,
96.6565

■ 23.5534, 13.1712,
95.9086

■ 20.6227, 9.8289,
95.4180

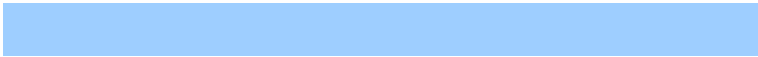
■ 18.9049, 7.9700,
95.1497

■ 18.2862, 7.3418,
95.0611

Harmonies

Analogous

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



55.0175, 58.9792, 107.3580



61.6093, 58.9792, 102.7447



67.0706, 58.9792, 87.0929

Triad

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



61.6093, 58.9792, 102.7447



63.5609, 58.9792, 38.8804



44.4053, 58.9792, 61.2662

Complementary

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



61.6093, 58.9792, 102.7447



85.5085, 96.0152, 66.2531

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.



46.3220, 58.9792, 45.7468



61.6093, 58.9792, 102.7447



57.1115, 58.9792, 34.5294

Square

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



61.6093, 58.9792, 102.7447



68.2576, 58.9792, 50.0158



50.8505, 58.9792, 36.7737



45.4061, 58.9792, 80.8832

Rectangle

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



61.6093, 58.9792, 102.7447



69.1596, 58.9792, 73.8685



50.8505, 58.9792, 36.7737



44.7252, 58.9792, 55.4474

Sweetspot

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



61.6110, 58.9815, 102.7451



83.7585, 86.1148, 106.8150



75.3342, 87.9925, 107.6215



17.7298, 18.1889, 22.8263



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.



61.6110, 58.9815, 102.7451



55.9549, 52.0822, 101.7115



70.2430, 63.4315, 103.1490



17.1170, 17.4365, 22.7134



9.5969, 3.8579, 49.6734



0.9724, 0.3952, 4.8383

Inverse Universe

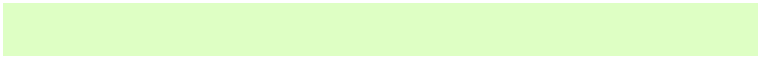
The Inverse Universe completely reimagines the original color for something new.



78.3937, 67.7069, 100.2051



75.5781, 62.2873, 98.6141



75.7167, 90.9674, 65.7949



18.7364, 18.2779, 22.4949



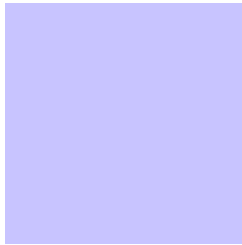
29.6136, 14.3348, 43.4774



2.8987, 1.4019, 4.3141

Previews

White Background



This preview shows how the XYZ color 61.6093, 58.9792, 102.7447 looks on a white background.

Color Contrast Check

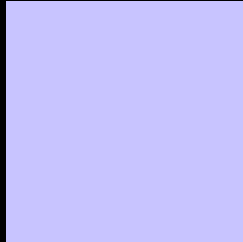
Large Text (above 18pt) WCAG AA × Fail

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 61.6093, 58.9792, 102.7447 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 61.6093, 58.9792, 102.7447

Background



This preview shows how black text looks on a background with the XYZ color 61.6093, 58.9792, 102.7447.



This preview shows how white text looks on a background with the XYZ color 61.6093, 58.9792,

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

61.6093, 58.9792, 102.7447

Protanopia

59.4433, 59.2199, 102.9053

Deuteranopia

60.4922, 59.0775, 102.8226



Tritanopia

56.1344, 59.1638, 75.4790

Trichromacy



Original Color

61.6093, 58.9792, 102.7447

Protanomaly

60.2117, 59.2733, 102.8751

Deuteranomaly

60.7812, 58.8883, 102.7708

Tritanomaly

57.9847, 58.8705, 84.6510

Monochromacy



Original Color

61.6093, 58.9792, 102.7447

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

58.8345, 59.7975, 78.2532

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.6093, 58.9792, 102.7447 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(200, 196, 255)` looks like.

```
.text, #text, p{  
    color:rgb(200, 196, 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(200, 196, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 196, 255) }
```

Border

The CSS property to change the border of an element to XYZ 61.6093, 58.9792, 102.7447 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(200, 196, 255) }
```


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

```
.border{ border-color:rgb(200, 196, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 196, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 196, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 196, 255);  
box-shadow:4px 4px 4px 4px rgb(200, 196,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 61.6093, 58.9792, 102.7447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 196, 255) }
```

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

```
.background{ background-color: rgb(200,  
196, 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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