

Converting Colors

XYZ(61.3090, 59.2521, 98.6480)

Have a look what the booklet for
XYZ(61.3090, 59.2521, 98.6480)
contains.

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Color

**XYZ(61.3090, 59.2521,
98.6480)**

Conversions

Conversions Part 1

Format	Color
Hex	C9C5FA
RGB	201, 197, 250
RGB Percent	79%, 77%, 98%
CMY	0.2118, 0.2274, 0.0196
CMYK	0.20, 0.21, 0.00, 0.02
HSL	245°, 84%, 88%
HSV	245°, 21%, 98%
XYZ	61.3090, 59.2521, 98.6480
YIQ	204.2380, -14.6290, 17.3310

Conversions

Conversions Part 2

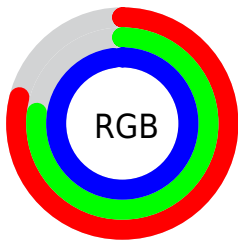
Format	Color
R _Y B	201, 197, 250
Decimal	13223418
CIE Lab	81.43, 12.06, -25.54
CIE LCh	81, 28.246, 295.270
Yxy	59.2521, 0.2797, 0.2703
Android (android.graphics.Color)	4291413498 (0xFFC9C5FA)
YUV	204.2380, 22.5607, -2.8397
Hunter-Lab	76.9754, 7.4639, -22.1005

Details

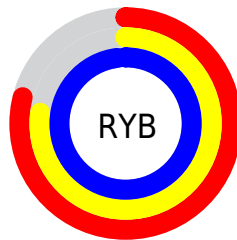
The XYZ color **61.3090, 59.2521, 98.6480** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.2714, 91.9967, 66.2468**, and the grayscale version is **57.4149, 60.4050, 65.7810**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **31.3022, 29.6062, 54.5168** is the 20% darker color. If you saturate the color by 10%, you get **50.3435, 45.8607, 96.6421**, and if you desaturate by 10%, it is **74.1546, 75.0130, 101.0141**.

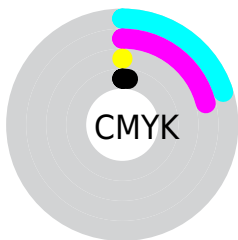
Distribution



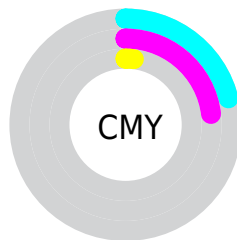
- Red (79%)
- Green (77%)
- Blue (98%)



- Red (79%)
- Yellow (77%)
- Blue (98%)



- Cyan (20%)
- Magenta (21%)
- Yellow (0%)
- Black (2%)



- Cyan (21%)
- Magenta (23%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.3090, 59.2521, 98.6480 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 61.3090, 59.2521, 98.6480 by changing the saturation by 10% instead.

61.3090, 59.2521,
98.6480

61.3090, 59.2521,
98.6480

419.1639,
421.8355, 577.0589

44.7281, 42.8161,
74.5613

105.8218,
103.7440, 161.3336

31.4437, 29.7408,
54.7540

134.4844,
132.5686, 200.7696

21.0904, 19.6420,
38.8075

167.9049,
166.2916, 246.1592

13.3029, 12.1351,
26.3034

206.4487,
205.2974, 297.9208

7.7159, 6.8357,
16.8229

250.4811,
249.9702, 356.4731

3.9640, 3.3596,
9.9477

300.3676,

1.6818, 1.3222,

300.6946, 422.2345

5.2591

356.4734,
357.8549, 495.6236

■ 0.4448, 0.1583,
2.3387

■ 0.0000, 0.0000,
0.7528

■ 61.3090, 59.2521,
98.6480

■ 61.3090, 59.2521,
98.6480

■ 50.3435, 45.8607,
96.6421

■ 74.1546, 75.0130,
101.0141

■ 41.1643, 34.7172,
94.9750

■ 88.9568, 93.2425,
103.7526

■ 33.6784, 25.7005,
93.6292

■ 94.2555, 99.6822,
104.7163

■ 27.7817, 18.6749,
92.5839

■ 23.3589, 13.4891,
91.8160

■ 20.2789, 9.9700,
91.2991

■ 18.3870, 7.9115,
91.0015

■ 17.5214, 7.0393,
90.8787

Harmonies

Analogous

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



55.3855, 59.2521, 102.6884



61.3090, 59.2521, 98.6480



66.1824, 59.2521, 84.8894

Triad

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



61.3090, 59.2521, 98.6480



63.0426, 59.2521, 41.2945



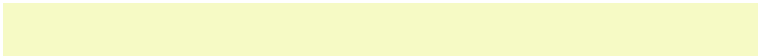
45.7345, 59.2521, 61.8689

Complementary

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



61.3090, 59.2521, 98.6480



82.2714, 91.9967, 66.2468

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.



47.4848, 59.2521, 47.6938



61.3090, 59.2521, 98.6480



57.2596, 59.2521, 37.2130

Square

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



61.3090, 59.2521, 98.6480



67.2313, 59.2521, 51.5959



51.6043, 59.2521, 39.3333



46.6534, 59.2521, 79.4296

Rectangle

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



61.3090, 59.2521, 98.6480



68.0380, 59.2521, 73.1492



51.6043, 59.2521, 39.3333



46.0265, 59.2521, 56.5893

Sweetspot

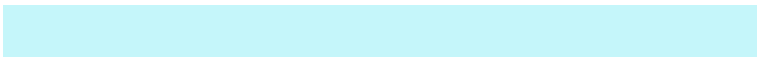
The Sweet Spot groups the original color and five complimentary colors.



61.3109, 59.2545, 98.6493



85.3478, 88.0388, 107.1026



73.3809, 84.9698, 102.9767



18.0517, 18.5776, 22.8844



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.



61.3109, 59.2545, 98.6493



59.5159, 56.3346, 102.3446



68.9126, 63.1733, 99.0051



16.4043, 16.7056, 21.7452



9.3376, 3.7564, 48.2065



0.9055, 0.3689, 4.4667

Inverse Universe

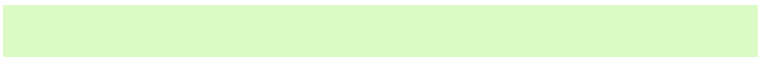
The Inverse Universe completely reimagines the original color for something new.



76.0269, 66.9126, 96.0992



77.2105, 65.5448, 99.1807



73.7705, 87.6143, 65.8490



17.9332, 17.5006, 21.5040



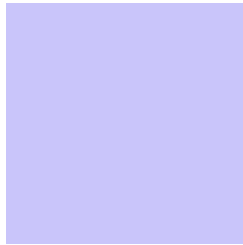
28.5971, 13.8545, 41.4481



2.6649, 1.2897, 3.9250

Previews

White Background



This preview shows how the XYZ color 61.3090, 59.2521, 98.6480 looks on a white background.

Color Contrast Check

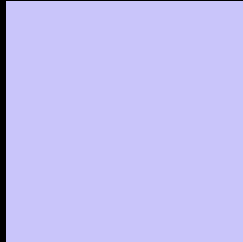
Large Text (above 18pt) WCAG AA × Fail

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 61.3090, 59.2521, 98.6480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

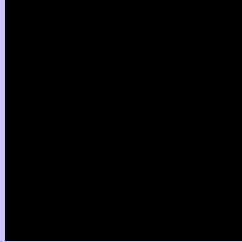
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.3090, 59.2521, 98.6480

Background



This preview shows how black text looks on a background with the XYZ color 61.3090, 59.2521, 98.6480.

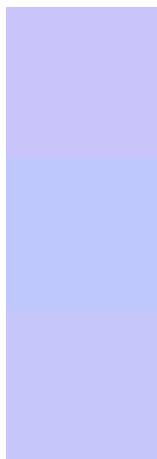


This preview shows how white text looks on a background with the XYZ color 61.3090, 59.2521,

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

61.3090, 59.2521, 98.6480

Protanopia

59.4602, 59.2840, 100.4045

Deuteranopia

60.7381, 59.2961, 98.6865



Tritanopia

56.6478, 59.4284, 75.5030

Trichromacy



Original Color

61.3090, 59.2521, 98.6480

Protanomaly

60.0841, 59.2812, 99.5424

Deuteranomaly

61.0026, 59.4324, 98.6989

Tritanomaly

58.1955, 59.3568, 83.2527

Monochromacy



Original Color

61.3090, 59.2521, 98.6480

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

58.5664, 59.6903, 76.8412

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3090, 59.2521, 98.6480 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(201, 197, 250)` looks like.

```
.text, #text, p{  
    color:rgb(201, 197, 250)  
}
```

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(201, 197, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 197, 250) }
```

Border

The CSS property to change the border of an element to XYZ 61.3090, 59.2521, 98.6480 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(201, 197, 250) }
```


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

```
.border{ border-color:rgb(201, 197, 250) }
```

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

Here you see how a box with a 4 pixel rgb(201, 197, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 197, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 197, 250);  
box-shadow:4px 4px 4px 4px rgb(201, 197,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3090, 59.2521, 98.6480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 197, 250) }
```

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

```
.background{ background-color: rgb(201,  
197, 250) }
```

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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