

Converting Colors

XYZ(61.5007, 59.7435,
101.4699)

Have a look what the booklet for
XYZ(61.5007, 59.7435, 101.4699)
contains.

XYZ(61.4769, 59.6221, 101.1965)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(61.4769, 59.6221,
101.1965)**

Conversions

Conversions Part 1

Format	Color
Hex	C7C6FD
RGB	199, 198, 253
RGB Percent	78%, 78%, 99%
CMY	0.2196, 0.2235, 0.0078
CMYK	0.21, 0.22, 0.00, 0.01
HSL	241°, 93%, 88%
HSV	241°, 22%, 99%
XYZ	61.4769, 59.6221, 101.1965
YIQ	204.5690, -17.0590, 17.3170

Conversions

Conversions Part 2

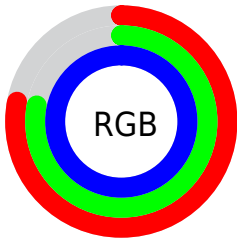
Format	Color
R_{YB}	199, 198, 253
Decimal	13092605
CIE _{Lab}	81.63, 11.58, -26.85
CIE _{LCh}	82, 29.238, 293.332
Yxy	59.6221, 0.2766, 0.2682
Android (android.graphics.Color)	4291282685 (0xFFC7C6FD)
YUV	204.5690, 23.8765, -4.8840
Hunter-Lab	77.2153, 6.9903, -23.6532

Details

The XYZ color **61.4769, 59.6221, 101.1965** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **85.4649, 95.0246, 67.2657**, and the grayscale version is **57.6174, 60.6179, 66.0129**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.4387, 29.8613, 56.3314** is the 20% darker color. If you saturate the color by 10%, you get **50.1084, 45.8830, 99.1448**, and if you desaturate by 10%, it is **74.8909, 75.8523, 103.6232**.

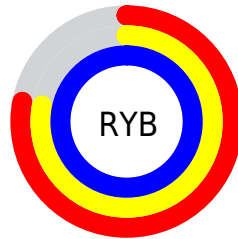
Distribution



Red (78%)

Green (78%)

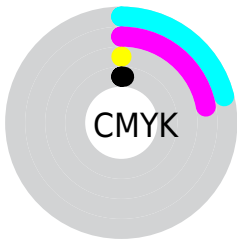
Blue (99%)



Red (78%)

Yellow (78%)

Blue (99%)

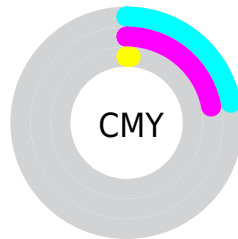


Cyan (21%)

Magenta (22%)

Yellow (0%)

Black (1%)



Cyan (22%)

Magenta (22%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.4769, 59.6221, 101.1965 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 61.4769, 59.6221, 101.1965 by changing the saturation by 10% instead.

■ 61.4769, 59.6221,
101.1965

■ 61.4769, 59.6221,
101.1965

419.7685,
423.2034, 585.3014

■ 44.8642, 43.1141,
76.6777

106.0634,
104.2813, 164.8667

■ 31.5513, 29.9747,
56.4784

134.7678,
133.2013, 204.8551

■ 21.1729, 19.8194,
40.1801

168.2335,
167.0274, 250.8373

■ 13.3636, 12.2638,
27.3641

206.8258,
206.1440, 303.2316

■ 7.7581, 6.9236,
17.6120

250.9101,
250.9355, 362.4566

■ 3.9911, 3.4144,
10.5052

300.8517,

■ 1.6971, 1.3517,

301.7863, 428.9309

5.6253

357.0161,
359.0808, 503.0730

■ 0.4544, 0.1807,
2.5535

■ 0.0000, 0.0000,
0.8683

■ 61.4769, 59.6221,
101.1965

■ 61.4769, 59.6221,
101.1965

■ 50.1084, 45.8830,
99.1448

■ 74.8909, 75.8523,
103.6232

■ 40.6796, 34.5051,
97.4455

■ 90.4378, 94.6807,
106.4381

■ 33.0840, 25.3575,
96.0802

94.7298, 99.8719,
107.2139

■ 27.2022, 18.2939,
95.0268

■ 22.9012, 13.1505,
94.2607

■ 20.0281, 9.7389,
93.7537

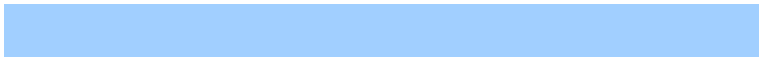
■ 18.4000, 7.8329,
93.4716

■ 17.7873, 7.1216,
93.3666

Harmonies

Analogous

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



55.3085, 59.6221, 104.6462



61.4769, 59.6221, 101.1965



66.6808, 59.6221, 87.2870

Triad

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



61.4769, 59.6221, 101.1965



64.0193, 59.6221, 41.3899



45.7284, 59.6221, 61.0690

Complementary

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



61.4769, 59.6221, 101.1965



85.4649, 95.0246, 67.2657

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.



47.7131, 59.6221, 46.7403



61.4769, 59.6221, 101.1965



58.0517, 59.6221, 36.7830

Square

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



61.4769, 59.6221, 101.1965



68.2212, 59.6221, 52.4214



52.1186, 59.6221, 38.5478



46.5006, 59.6221, 79.2585

Rectangle

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



61.4769, 59.6221, 101.1965



68.7540, 59.6221, 75.1124



52.1186, 59.6221, 38.5478



46.0903, 59.6221, 55.6911

Sweetspot

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



61.4788, 59.6245, 101.1979



83.4612, 85.9615, 106.8011



75.8566, 88.7722, 106.0661



17.6612, 18.1536, 22.8231



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.



61.4788, 59.6245, 101.1979



57.3944, 54.4211, 102.0870



69.4205, 63.7186, 101.5695



17.0335, 17.3935, 22.7095



9.4750, 3.7950, 49.6677



0.9328, 0.3748, 4.8365

Inverse Universe

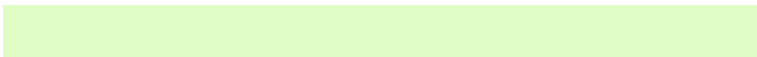
The Inverse Universe completely reimagines the original color for something new.



78.2745, 68.3014, 101.1554



77.2299, 64.6689, 102.0066



76.2416, 90.2698, 66.8341



18.7776, 18.2944, 22.7120



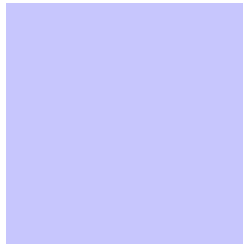
30.6018, 14.7300, 48.6812



2.9840, 1.4360, 4.7630

Previews

White Background



This preview shows how the XYZ color 61.4769, 59.6221, 101.1965 looks on a white background.

Color Contrast Check

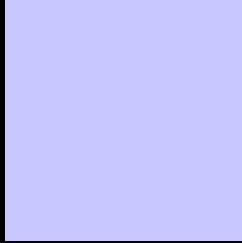
Large Text (above 18pt) WCAG AA × Fail

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 61.4769, 59.6221, 101.1965 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 61.4769, 59.6221, 101.1965

Background



This preview shows how black text looks on a background with the XYZ color 61.4769, 59.6221, 101.1965.



This preview shows how white text looks on a background with the XYZ color 61.4769, 59.6221,

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

61.4769, 59.6221, 101.1965

Protanopia

59.9229, 59.8121, 102.9944

Deuteranopia

61.1790, 59.8090, 101.2483



Tritanopia

56.5035, 59.6905, 76.2535

Trichromacy



Original Color

61.4769, 59.6221, 101.1965

Protanomaly

60.5360, 59.8018, 102.1182

Deuteranomaly

61.4417, 59.9445, 101.2606

Tritanomaly

58.1917, 59.6694, 84.7942

Monochromacy



Original Color

61.4769, 59.6221, 101.1965

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.9339, 60.2115, 77.6231

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.4769, 59.6221, 101.1965 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(199, 198, 253)` looks like.

```
.text, #text, p{  
    color:rgb(199, 198, 253)  
}
```

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(199, 198, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 198, 253) }
```

Border

The CSS property to change the border of an element to XYZ 61.4769, 59.6221, 101.1965 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(199, 198, 253) }
```


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

```
.border{ border-color:rgb(199, 198, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 198, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 198, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 198, 253);  
box-shadow:4px 4px 4px 4px rgb(199, 198,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 61.4769, 59.6221, 101.1965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 198, 253) }
```

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

```
.background{ background-color: rgb(199,  
198, 253) }
```

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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