

Converting Colors

XYZ(65.2128, 61.2087,
103.6487)

Have a look what the booklet for
XYZ(65.2128, 61.2087, 103.6487)
contains.

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Color

**XYZ(65.1676, 61.1496,
102.9761)**

Conversions

Conversions Part 1

Format	Color
Hex	D4C5FF
RGB	212, 197, 255
RGB Percent	83%, 77%, 100%
CMY	0.1686, 0.2274, 0.0000
CMYK	0.17, 0.23, 0.00, 0.00
HSL	256°, 100%, 89%
HSV	256°, 23%, 100%
XYZ	65.1676, 61.1496, 102.9761
YIQ	208.0970, -9.6780, 21.2180

Conversions

Conversions Part 2

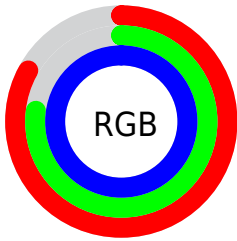
Format	Color
R _Y B	212, 197, 255
Decimal	13944319
CIE Lab	82.46, 16.50, -26.56
CIE LCh	82, 31.268, 301.854
Yxy	61.1496, 0.2842, 0.2667
Android (android.graphics.Color)	4292134399 (0xFFD4C5FF)
YUV	208.0970, 23.1232, 3.4229
Hunter-Lab	78.1982, 11.9087, -23.3379

Details

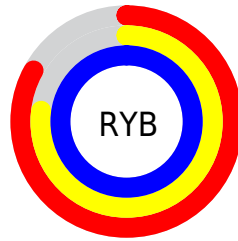
The XYZ color **65.1676, 61.1496, 102.9761** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.7746, 94.0771, 66.6749**, and the grayscale version is **59.8780, 62.9963, 68.6030**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **33.9201, 30.8902, 57.6007** is the 20% darker color. If you saturate the color by 10%, you get **54.7254, 47.8870, 100.9665**, and if you desaturate by 10%, it is **77.2308, 76.7047, 105.3427**.

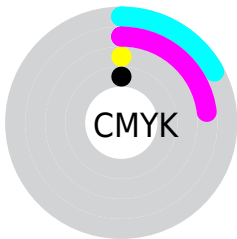
Distribution



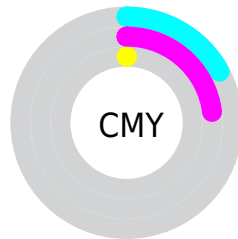
- Red (83%)
- Green (77%)
- Blue (100%)



- Red (83%)
- Yellow (77%)
- Blue (100%)



- Cyan (17%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)



- Cyan (17%)
- Magenta (23%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.1676, 61.1496, 102.9761 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 65.1676, 61.1496, 102.9761 by changing the saturation by 10% instead.

65.1676, 61.1496,
102.9761

65.1676, 61.1496,
102.9761

432.9297,
428.8223, 591.0207

47.8622, 44.3459,
78.1576

111.3551,
106.4955, 167.3285

33.9286, 30.9425,
57.6863

140.9680,
135.8065, 207.6995

23.0014, 20.5551,
41.1434

175.4141,
170.0554, 254.0917

14.7152, 12.7992,
28.1106

215.0587,
209.6267, 306.9238

8.7048, 7.2904,
18.1693

260.2672,
254.9046, 366.6142

4.6047, 3.6444,
10.9009

311.4049,

2.0496, 1.4767,

306.2735, 433.5814

5.8869

368.8373,
364.1180, 508.2441

■ 0.6616, 0.2722,
2.7088

■ 0.0000, 0.0000,
0.9478

■ 65.1676, 61.1496,
102.9761

■ 65.1676, 61.1496,
102.9761

■ 54.7254, 47.8870,
100.9665

■ 77.2308, 76.7047,
105.3427

■ 45.8277, 36.7998,
99.2954

■ 90.9765, 94.6473,
108.0815

■ 38.3997, 27.7715,
97.9443

95.0500, 100.0000,
108.9000

■ 32.3577, 20.6713,
96.8923

■ 27.6092, 15.3534,
96.1161

■ 24.0494, 11.6501,
95.5889

■ 21.5544, 9.3600,
95.2784

■ 20.2929, 8.3763,
95.1550

Harmonies

Analogous

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



58.5374, 61.1496, 110.5384



65.1676, 61.1496, 102.9761



70.1999, 61.1496, 85.4885

Triad

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



65.1676, 61.1496, 102.9761



64.3939, 61.1496, 39.1245



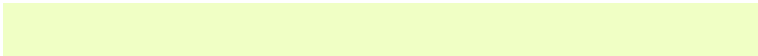
46.2034, 61.1496, 67.7787

Complementary

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



65.1676, 61.1496, 102.9761



81.7746, 94.0771, 66.6749

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.



47.5135, 61.1496, 50.6904



65.1676, 61.1496, 102.9761



57.7063, 61.1496, 36.1637

Square

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



65.1676, 61.1496, 102.9761



69.7297, 61.1496, 48.9912



51.6013, 61.1496, 39.9653



47.8777, 61.1496, 87.9467

Rectangle

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



65.1676, 61.1496, 102.9761



71.7877, 61.1496, 71.9322



51.6013, 61.1496, 39.9653



46.3090, 61.1496, 61.5030

Sweetspot

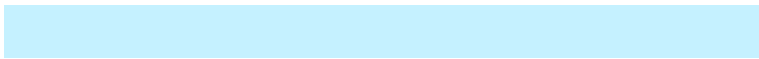
The Sweet Spot groups the original color and five complimentary colors.



65.1694, 61.1520, 102.9765



84.9153, 86.7111, 106.8691



72.3850, 81.7066, 106.5636



17.9968, 18.3266, 22.8388



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.



65.1694, 61.1520, 102.9765



60.5299, 55.2320, 102.0783



74.1229, 65.7678, 103.3955



17.4433, 17.6048, 22.7286



10.7203, 4.4370, 49.7260



1.1404, 0.4818, 4.8462

Inverse Universe

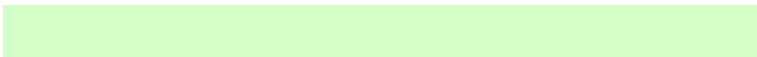
The Inverse Universe completely reimagines the original color for something new.



76.9359, 67.4861, 91.4111



74.1452, 62.5669, 88.4393



72.8471, 89.4748, 66.2571



18.5803, 18.2154, 21.6728



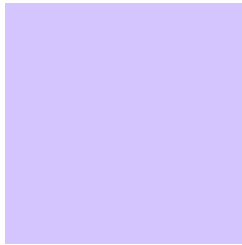
26.4157, 13.0556, 26.6374



2.6166, 1.2890, 2.8283

Previews

White Background



This preview shows how the XYZ color 65.1676, 61.1496, 102.9761 looks on a white background.

Color Contrast Check

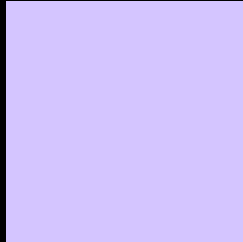
Large Text (above 18pt) WCAG AA × Fail

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 65.1676, 61.1496, 102.9761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

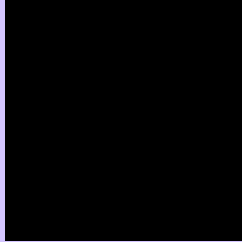
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.1676, 61.1496, 102.9761

Background



This preview shows how black text looks on a background with the XYZ color 65.1676, 61.1496, 102.9761.

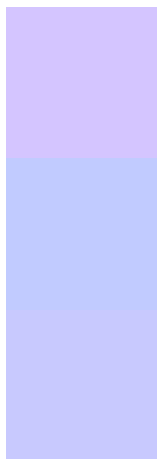


This preview shows how white text looks on a background with the XYZ color 65.1676, 61.1496,

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

65.1676, 61.1496, 102.9761

Protanopia

61.3983, 61.2693, 103.1979

Deuteranopia

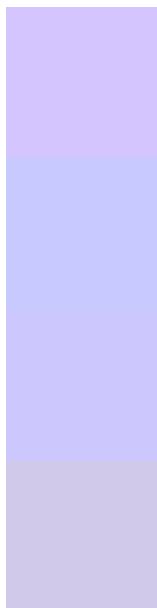
62.5955, 61.2084, 102.2812



Tritanopia

59.7278, 61.0010, 76.3365

Trichromacy



Original Color

65.1676, 61.1496, 102.9761

Protanomaly

62.7561, 61.2726, 103.1269

Deuteranomaly

63.4455, 61.3017, 102.2544

Tritanomaly

61.6070, 61.0664, 85.6307

Monochromacy



Original Color

65.1676, 61.1496, 102.9761

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

61.4780, 62.1773, 79.9953

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.1676, 61.1496, 102.9761 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(212, 197, 255)` looks like.

```
.text, #text, p{  
    color:rgb(212, 197, 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(212, 197, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 197, 255) }
```

Border

The CSS property to change the border of an element to XYZ 65.1676, 61.1496, 102.9761 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(212, 197, 255) }
```


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

```
.border{ border-color:rgb(212, 197, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 197, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 197, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 197, 255);  
box-shadow:4px 4px 4px 4px rgb(212, 197,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 65.1676, 61.1496, 102.9761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 197, 255) }
```

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

```
.background{ background-color: rgb(212,  
197, 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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