

Converting Colors

XYZ(76.0208, 66.0071,
156.6453)

Have a look what the booklet for
XYZ(76.0208, 66.0071, 156.6453)
contains.

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Color

**XYZ(65.6847, 61.7543,
103.0656)**

Conversions

Conversions Part 1

Format	Color
Hex	D5C6FF
RGB	213, 198, 255
RGB Percent	84%, 78%, 100%
CMY	0.1647, 0.2235, 0.0000
CMYK	0.16, 0.22, 0.00, 0.00
HSL	256°, 100%, 89%
HSV	256°, 22%, 100%
XYZ	65.6847, 61.7543, 103.0656
YIQ	208.9830, -9.3570, 20.9070

Conversions

Conversions Part 2

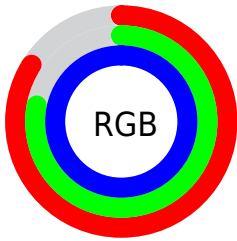
Format	Color
R _Y B	213, 198, 255
Decimal	14010111
CIE Lab	82.78, 16.27, -26.06
CIE LCh	83, 30.720, 301.980
Yxy	61.7543, 0.2850, 0.2679
Android (android.graphics.Color)	4292200191 (0xFFD5C6FF)
YUV	208.9830, 22.6864, 3.5229
Hunter-Lab	78.5839, 11.6782, -22.7522

Details

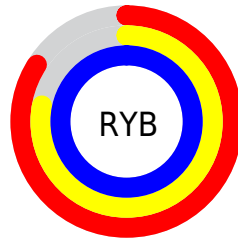
The XYZ color **65.6847, 61.7543, 103.0656** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.8894, 94.1230, 67.2803**, and the grayscale version is **60.4560, 63.6044, 69.2652**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.2669, 31.2928, 57.6601** is the 20% darker color. If you saturate the color by 10%, you get **55.2016, 48.4150, 101.0433**, and if you desaturate by 10%, it is **77.7840, 77.3864, 105.4452**.

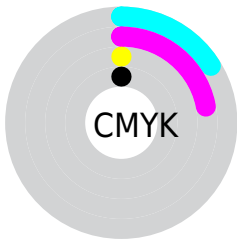
Distribution



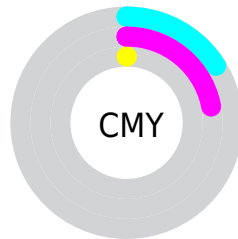
- Red (84%)
- Green (78%)
- Blue (100%)



- Red (84%)
- Yellow (78%)
- Blue (100%)



- Cyan (16%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (16%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.6847, 61.7543, 103.0656 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 65.6847, 61.7543, 103.0656 by changing the saturation by 10% instead.

■ 65.6847, 61.7543,
103.0656

■ 65.6847, 61.7543,
103.0656

434.7548,
431.0343, 591.3076

■ 48.2833, 44.8342,
78.2321

112.0939,
107.3703, 167.4522

■ 34.2634, 31.3268,
57.7471

141.8324,
136.8351, 207.8423

■ 23.2599, 20.8479,
41.1920

176.4139,
171.2501, 254.2551

■ 14.9073, 13.0128,
28.1483

216.2039,
210.9999, 307.1091

■ 8.8402, 7.4374,
18.1975

261.5676,
256.4689, 366.8228

■ 4.6934, 3.7371,
10.9209

312.8704,

■ 2.1014, 1.5276,

308.0413, 433.8148

5.9002

370.4777,
366.1016, 508.5035

■ 0.6900, 0.3080,
2.7167

■ 0.0000, 0.0000,
0.9518

■ 65.6847, 61.7543,
103.0656

■ 65.6847, 61.7543,
103.0656

■ 55.2016, 48.4150,
101.0433

■ 77.7840, 77.3864,
105.4452

■ 46.2588, 37.2518,
99.3600

■ 91.5604, 95.4059,
108.1972

■ 38.7821, 28.1490,
97.9970

95.0500, 100.0000,
108.9000

■ 32.6887, 20.9765,
96.9337

■ 27.8870, 15.5895,
96.1470

■ 24.2734, 11.8215,
95.6102

■ 21.7256, 9.4734,
95.2912

■ 20.3718, 8.4169,
95.1587

Harmonies

Analogous

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



59.1357, 61.7543, 110.5522



65.6847, 61.7543, 103.0656



70.6405, 61.7543, 85.8220

Triad

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



65.6847, 61.7543, 103.0656



64.8685, 61.7543, 39.9629



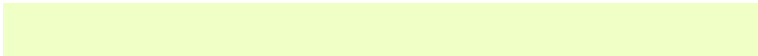
46.8921, 61.7543, 68.5051

Complementary

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



65.6847, 61.7543, 103.0656



81.8894, 94.1230, 67.2803

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.



48.1794, 61.7543, 51.5546



65.6847, 61.7543, 103.0656



58.2577, 61.7543, 37.0378

Square

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



65.6847, 61.7543, 103.0656



70.1450, 61.7543, 49.7518



52.2208, 61.7543, 40.8582



48.5652, 61.7543, 88.4100

Rectangle

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



65.6847, 61.7543, 103.0656



72.1961, 61.7543, 72.4450



52.2208, 61.7543, 40.8582



46.9927, 61.7543, 62.2904

Sweetspot

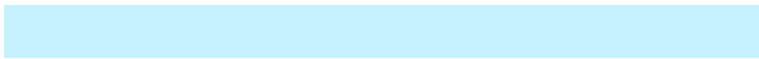
The Sweet Spot groups the original color and five complimentary colors.



65.6865, 61.7568, 103.0659



84.9431, 86.7255, 106.8704



72.7216, 81.9897, 106.6005



18.0033, 18.3299, 22.8391



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.



65.6865, 61.7568, 103.0659



60.6158, 55.2763, 102.0823



74.4358, 66.2672, 103.4754



17.4512, 17.6088, 22.7290



10.7631, 4.4591, 49.7280



1.1455, 0.4844, 4.8464

Inverse Universe

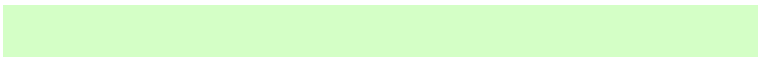
The Inverse Universe completely reimagines the original color for something new.



77.1636, 67.9416, 91.4866



74.0994, 62.5486, 88.1983



73.1780, 89.6322, 66.8727



18.5766, 18.2139, 21.6534



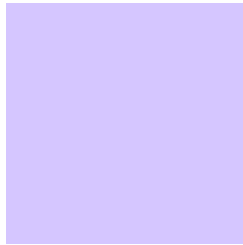
26.3508, 13.0296, 26.2955



2.6107, 1.2867, 2.7974

Previews

White Background



This preview shows how the XYZ color 65.6847, 61.7543, 103.0656 looks on a white background.

Color Contrast Check

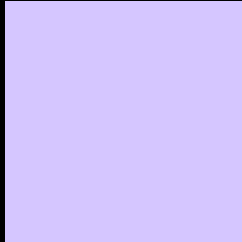
Large Text (above 18pt) WCAG AA × Fail

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 65.6847, 61.7543, 103.0656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

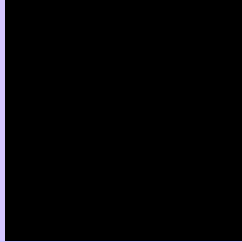
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.6847, 61.7543, 103.0656

Background



This preview shows how black text looks on a background with the XYZ color 65.6847, 61.7543, 103.0656.

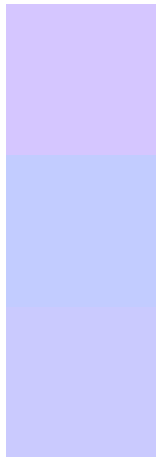


This preview shows how white text looks on a background with the XYZ color 65.6847, 61.7543,

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

65.6847, 61.7543, 103.0656

Protanopia

61.8910, 61.8751, 103.2888

Deuteranopia

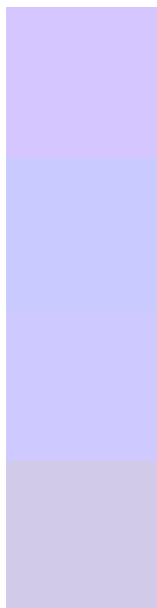
63.3670, 61.9534, 102.3843



Tritanopia

60.2433, 61.6184, 76.4285

Trichromacy



Original Color

65.6847, 61.7543, 103.0656

Protanomaly

63.2579, 61.8786, 103.2174

Deuteranomaly

64.2296, 62.0509, 102.3577

Tritanomaly

62.1230, 61.6796, 85.7219

Monochromacy



Original Color

65.6847, 61.7543, 103.0656

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

62.1371, 62.8553, 80.8088

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.6847, 61.7543, 103.0656 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(213, 198, 255)` looks like.

```
.text, #text, p{  
    color:rgb(213, 198, 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(213, 198, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 198, 255) }
```

Border

The CSS property to change the border of an element to XYZ 65.6847, 61.7543, 103.0656 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(213, 198, 255) }
```


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

```
.border{ border-color:rgb(213, 198, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 198, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 198, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 198, 255);  
box-shadow:4px 4px 4px 4px rgb(213, 198,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 65.6847, 61.7543, 103.0656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 198, 255) }
```

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

```
.background{ background-color: rgb(213,  
198, 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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