

# Converting Colors

XYZ(65.2653, 60.1345,  
102.7750)

Have a look what the booklet for  
XYZ(65.2653, 60.1345, 102.7750)  
contains.

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# Color

**XYZ(65.3661, 60.2506,  
102.7921)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D7C2FF
RGB	215, 194, 255
RGB Percent	84%, 76%, 100%
CMY	0.1569, 0.2392, 0.0000
CMYK	0.16, 0.24, 0.00, 0.00
HSL	261°, 100%, 88%
HSV	261°, 24%, 100%
XYZ	65.3661, 60.2506, 102.7921
YIQ	207.2330, -7.0650, 23.4230

# Conversions

## Conversions Part 2

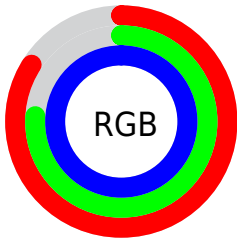
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	215, 194, 255
Decimal	14140159
CIE Lab	81.97, 19.04, -27.28
CIE LCh	82, 33.265, 304.913
Yxy	60.2506, 0.2862, 0.2638
Android (android.graphics.Color)	4292330239 (0xFFD7C2FF)
YUV	207.2330, 23.5491, 6.8117
Hunter-Lab	77.6213, 14.4805, -24.1815

# Details

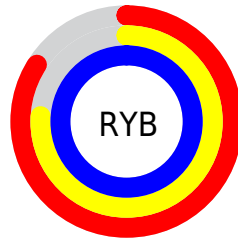
The XYZ color **65.3661, 60.2506, 102.7921** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **79.4304, 92.9080, 64.7882**, and the grayscale version is **59.3161, 62.4051, 67.9592**.

A 20% lighter version of the original color is **93.7872, 97.4744, 108.4791**, and **34.0683, 30.3070, 57.4803** is the 20% darker color. If you saturate the color by 10%, you get **55.5088, 47.4559, 100.8420**, and if you desaturate by 10%, it is **76.7025, 75.2563, 105.0910**.

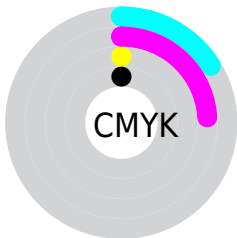
# Distribution



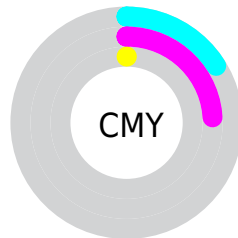
- Red (84%)
- Green (76%)
- Blue (100%)



- Red (84%)
- Yellow (76%)
- Blue (100%)



- Cyan (16%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (16%)
- Magenta (24%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 65.3661, 60.2506, 102.7921 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 65.3661, 60.2506, 102.7921 by changing the saturation by 10% instead.



65.3661, 60.2506,  
102.7921

65.3661, 60.2506,  
102.7921

433.6309,  
425.5209, 590.4307

48.0238, 43.6207,  
78.0045

111.6388,  
105.1931, 167.0741

34.0571, 30.3724,  
57.5612

141.2999,  
134.2745, 207.4057

23.1005, 20.1214,  
41.0437

175.7981,  
168.2751, 253.7557

14.7889, 12.4833,  
28.0332

215.4985,  
207.5793, 306.5426

8.7567, 7.0737,  
18.1115

260.7667,  
252.5717, 366.1851

4.6387, 3.5083,  
10.8598

311.9679,

2.0694, 1.4025,

303.6364, 433.1015

5.8596

369.4675,  
361.1580, 507.7106

■ 0.6725, 0.2186,  
2.6925

■ 0.0000, 0.0000,  
0.9397

■ 65.3661, 60.2506,  
102.7921

■ 65.3661, 60.2506,  
102.7921

■ 55.5088, 47.4559,  
100.8420

■ 76.7025, 75.2563,  
105.0910

■ 47.0607, 36.7578,  
99.2223

■ 89.5733, 92.5655,  
107.7537

■ 39.9536, 28.0424,  
97.9147

95.0500, 100.0000,  
108.9000

■ 34.1114, 21.1818,  
96.8984

■ 29.4492, 16.0325,  
96.1502

■ 25.8705, 12.4289,  
95.6432

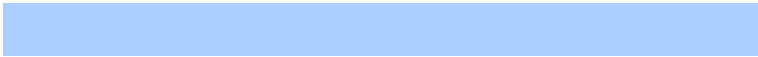
■ 23.2599, 10.1701,  
95.3448

■ 22.0542, 9.2842,  
95.2374

# Harmonies

## Analogous

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



58.4333, 60.2506, 112.2885



65.3661, 60.2506, 102.7921



70.4177, 60.2506, 83.4451

# Triad

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



65.3661, 60.2506, 102.7921



63.1978, 60.2506, 36.3900



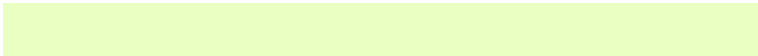
44.8139, 60.2506, 68.9785

# Complementary

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



65.3661, 60.2506, 102.7921



79.4304, 92.9080, 64.7882

# 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.



45.8638, 60.2506, 50.5042



65.3661, 60.2506, 102.7921



56.1151, 60.2506, 34.0692

# Square

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



65.3661, 60.2506, 102.7921



69.0957, 60.2506, 45.8269



49.8650, 60.2506, 38.6774



46.8707, 60.2506, 90.3786



# Rectangle

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



65.3661, 60.2506, 102.7921



71.8310, 60.2506, 69.0992



49.8650, 60.2506, 38.6774



44.8169, 60.2506, 62.2261

# Sweetspot

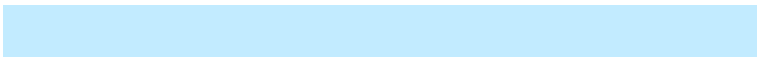
The Sweet Spot groups the original color and five complimentary colors.



65.3678, 60.2530, 102.7925



85.4417, 86.9825, 106.8938



69.9127, 77.9167, 105.9624



18.1185, 18.3893, 22.8445



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.



65.3678, 60.2530, 102.7925



60.1788, 53.4827, 101.7592



74.9411, 65.1882, 103.2405



17.5926, 17.6817, 22.7356



11.6674, 4.9253, 49.7703



1.2480, 0.5373, 4.8512



# Inverse Universe

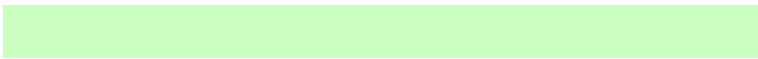
The Inverse Universe completely reimagines the original color for something new.



75.3844, 65.7862, 86.5682



71.9928, 60.0156, 82.3161



70.4467, 88.2767, 64.3677



18.5114, 18.1879, 21.3102



25.2768, 12.6000, 20.6399

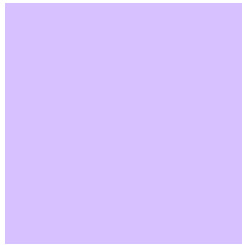


2.5125, 1.2474, 2.2805



# Previews

## White Background



This preview shows how the XYZ color 65.3661, 60.2506, 102.7921 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

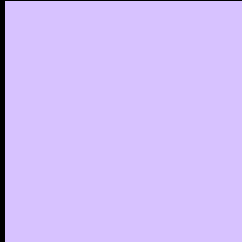
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 65.3661, 60.2506, 102.7921 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

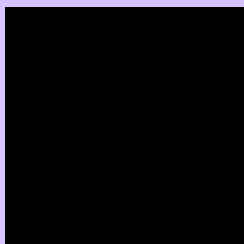
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 65.3661, 60.2506, 102.7921

## Background



This preview shows how black text looks on a background with the XYZ color 65.3661, 60.2506, 102.7921.



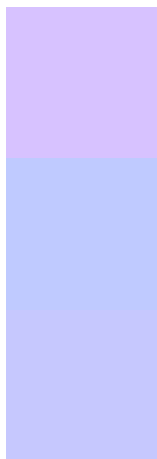
This preview shows how white text looks on a background with the XYZ color 65.3661, 60.2506,



# 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

65.3661, 60.2506, 102.7921

### Protanopia

60.6564, 60.5374, 103.0957

### Deuteranopia

61.8324, 60.4701, 102.1789



## Tritanopia

59.7055, 60.3384, 74.1453

# Trichromacy



## Original Color

65.3661, 60.2506, 102.7921

## Protanomaly

62.2928, 60.3462, 102.9725

## Deuteranomaly

62.9853, 60.3813, 102.1010

## Tritanomaly

61.4819, 60.0066, 83.9433

# Monochromacy



## Original Color

65.3661, 60.2506, 102.7921

## Achromatopsia

59.3074, 62.3960, 67.9493

## Achromatomaly

61.1534, 61.3245, 79.1347

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 65.3661, 60.2506, 102.7921 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(215, 194, 255)` looks like.

```
.text, #text, p{  
    color:rgb(215, 194, 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(215, 194, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 194, 255) }
```

## Border

The CSS property to change the border of an element to XYZ 65.3661, 60.2506, 102.7921 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(215, 194, 255) }
```



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

```
.border{ border-color:rgb(215, 194, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 194, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 194, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 194, 255);  
box-shadow:4px 4px 4px 4px rgb(215, 194,  
255) }
```

# Background

The CSS property to change the background color of an element to XYZ 65.3661, 60.2506, 102.7921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 194, 255) }
```

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

```
.background{ background-color: rgb(215,  
194, 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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