

Converting Colors

XYZ(60.6717, 53.4222,
101.7215)

Have a look what the booklet for
XYZ(60.6717, 53.4222, 101.7215)
contains.

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Color

**XYZ(60.6658, 53.4178,
101.7210)**

Conversions

Conversions Part 1

Format	Color
Hex	D1B4FF
RGB	209, 180, 255
RGB Percent	82%, 71%, 100%
CMY	0.1804, 0.2941, 0.0000
CMYK	0.18, 0.29, 0.00, 0.00
HSL	263°, 100%, 85%
HSV	263°, 29%, 100%
XYZ	60.6658, 53.4178, 101.7210
YIQ	197.2210, -6.7910, 29.4730

Conversions

Conversions Part 2

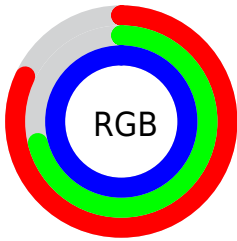
Format	Color
R _Y B	209, 180, 255
Decimal	13743359
CIE Lab	78.12, 24.80, -33.24
CIE LCh	78, 41.473, 306.733
Yxy	53.4178, 0.2811, 0.2475
Android (android.graphics.Color)	4291933439 (0xFFD1B4FF)
YUV	197.2210, 28.4850, 10.3302
Hunter-Lab	73.0875, 20.2597, -31.3568

Details

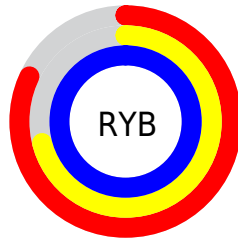
The XYZ color **60.6658, 53.4178, 101.7210** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **75.3631, 90.9844, 56.7719**, and the grayscale version is **53.0421, 55.8044, 60.7710**.

A 20% lighter version of the original color is **89.2855, 88.4709, 106.9785**, and **31.1088, 26.1260, 56.8293** is the 20% darker color. If you saturate the color by 10%, you get **51.7740, 41.8832, 99.9632**, and if you desaturate by 10%, it is **70.9422, 67.0744, 103.8153**.

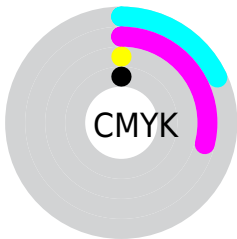
Distribution



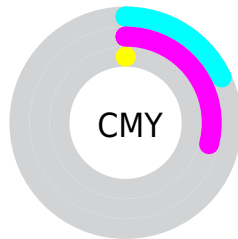
- Red (82%)
- Green (71%)
- Blue (100%)



- Red (82%)
- Yellow (71%)
- Blue (100%)



- Cyan (18%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.6658, 53.4178, 101.7210 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 60.6658, 53.4178, 101.7210 by changing the saturation by 10% instead.


 60.6658, 53.4178,
101.7210

 60.6658, 53.4178,
101.7210


416.8431,
399.8860, 586.9901

 44.2070, 38.1364,
77.1137

 104.8958, 95.2189,
165.5927

 31.0319, 26.0886,
56.8341

133.3976,
122.5073, 205.6942

 20.7751, 16.8899,
40.4636

166.6446,
154.5670, 251.7975

 13.0712, 10.1560,
27.5836

205.0020,
191.7821, 304.3211

 7.5549, 5.5025,
17.7757

248.8352,
234.5372, 363.6837

 3.8609, 2.5450,
10.6213

298.5095,

 1.6237, 0.8991,

283.2166, 430.3037

5.7019

354.3904,
338.2047, 504.5996

■ 0.4078, 0.0000,
2.5988

■ 0.0000, 0.0000,
0.8918

■ 60.6658, 53.4178,
101.7210

■ 60.6658, 53.4178,
101.7210

■ 51.7740, 41.8832,
99.9632

■ 70.9422, 67.0744,
103.8153

■ 44.1974, 32.3539,
98.5232

■ 82.6583, 82.9489,
106.2619

■ 37.8677, 24.7112,
97.3816

95.0500, 100.0000,
108.9000

■ 32.7077, 18.8211,
96.5167

■ 28.6303, 14.5308,
95.9035

■ 25.5338, 11.6600,
95.5126

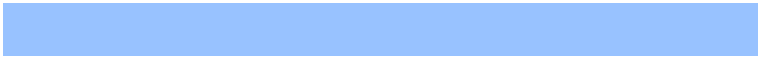
■ 23.2693, 9.9349,
95.2989

■ 23.1521, 9.8502,
95.2888

Harmonies

Analogous

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



52.6197, 53.4178, 114.6398



60.6658, 53.4178, 101.7210



66.4620, 53.4178, 77.6158

Triad

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



60.6658, 53.4178, 101.7210



57.1743, 53.4178, 26.0615



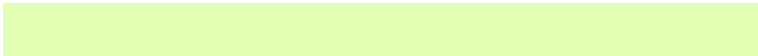
36.8254, 53.4178, 63.5498

Complementary

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



60.6658, 53.4178, 101.7210



75.3631, 90.9844, 56.7719

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.



37.7688, 53.4178, 42.2665



60.6658, 53.4178, 101.7210



48.9681, 53.4178, 24.1660

Square

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



60.6658, 53.4178, 101.7210



64.3011, 53.4178, 35.3608



42.0170, 53.4178, 29.2446



39.2876, 53.4178, 89.1185

Rectangle

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



60.6658, 53.4178, 101.7210



67.9581, 53.4178, 60.7411



42.0170, 53.4178, 29.2446



36.7591, 53.4178, 55.6587

Sweetspot

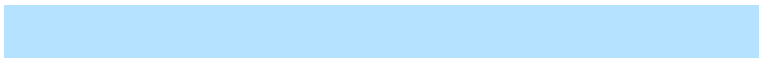
The Sweet Spot groups the original color and five complimentary colors.



60.6674, 53.4199, 101.7213



83.1704, 83.6488, 106.3700



64.1382, 71.4534, 105.0192



17.4155, 17.3766, 22.6861



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.



60.6674, 53.4199, 101.7213



55.5298, 46.7169, 100.6983



72.4661, 59.5023, 102.2735



17.6671, 17.7201, 22.7391



12.2518, 5.2265, 49.7977



1.3106, 0.5696, 4.8541

Inverse Universe

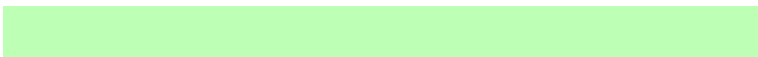
The Inverse Universe completely reimagines the original color for something new.



71.2897, 59.3952, 79.6595



67.8140, 53.6349, 74.8290



64.9238, 85.6028, 56.2834



18.4776, 18.1744, 21.1322



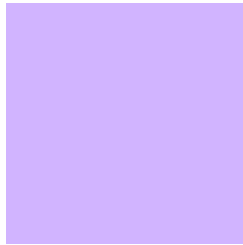
24.7773, 12.4002, 18.0096



2.4660, 1.2288, 2.0353

Previews

White Background



This preview shows how the XYZ color 60.6658, 53.4178, 101.7210 looks on a white background.

Color Contrast Check

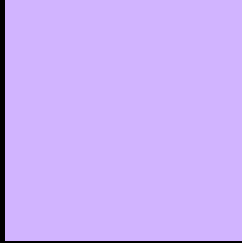
Large Text (above 18pt) WCAG AA × Fail

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 60.6658, 53.4178, 101.7210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

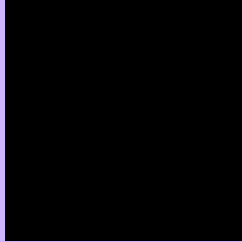
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.6658, 53.4178, 101.7210

Background



This preview shows how black text looks on a background with the XYZ color 60.6658, 53.4178, 101.7210.

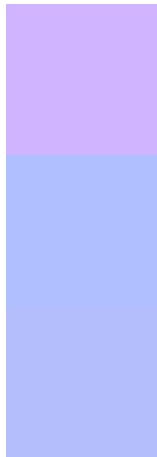


This preview shows how white text looks on a background with the XYZ color 60.6658, 53.4178,

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

60.6658, 53.4178, 101.7210

Protanopia

54.3600, 53.5956, 102.0876

Deuteranopia

54.9655, 53.6221, 100.3816



Tritanopia

53.2523, 53.5140, 65.2802

Trichromacy



Original Color

60.6658, 53.4178, 101.7210

Protanomaly

56.3138, 53.3254, 101.9325

Deuteranomaly

56.9342, 53.3499, 101.0627

Tritanomaly

55.5068, 53.1420, 77.1440

Monochromacy



Original Color

60.6658, 53.4178, 101.7210

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

55.3731, 54.7411, 73.9773

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.6658, 53.4178, 101.7210 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(209, 180, 255)` looks like.

```
.text, #text, p{  
    color:rgb(209, 180, 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(209, 180, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 180, 255) }
```

Border

The CSS property to change the border of an element to XYZ 60.6658, 53.4178, 101.7210 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(209, 180, 255) }
```


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

```
.border{ border-color:rgb(209, 180, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 180, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 180, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 180, 255);  
box-shadow:4px 4px 4px 4px rgb(209, 180,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 60.6658, 53.4178, 101.7210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 180, 255) }
```

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

```
.background{ background-color: rgb(209,  
180, 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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