

Converting Colors

XYZ(65.1096, 60.6404, 94.2546)

Have a look what the booklet for
XYZ(65.1096, 60.6404, 94.2546)
contains.

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Color

**XYZ(65.0577, 60.6219,
93.8602)**

Conversions

Conversions Part 1

Format	Color
Hex	DBC3F4
RGB	219, 195, 244
RGB Percent	86%, 76%, 96%
CMY	0.1412, 0.2353, 0.0431
CMYK	0.10, 0.20, 0.00, 0.04
HSL	269°, 69%, 86%
HSV	269°, 20%, 96%
XYZ	65.0577, 60.6219, 93.8602
YIQ	207.7620, -1.4250, 20.3270

Conversions

Conversions Part 2

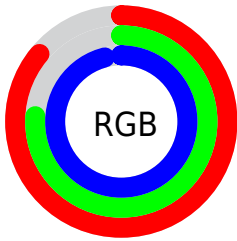
Format	Color
R _Y B	219, 195, 244
Decimal	14402548
CIE Lab	82.18, 17.48, -21.08
CIE LCh	82, 27.380, 309.669
Yxy	60.6219, 0.2963, 0.2761
Android (android.graphics.Color)	4292592628 (0xFFDBC3F4)
YUV	207.7620, 17.8653, 9.8557
Hunter-Lab	77.8601, 12.8945, -16.9720

Details

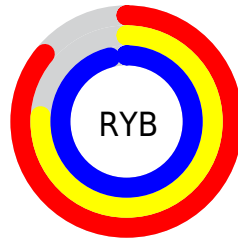
The XYZ color **65.0577, 60.6219, 93.8602** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **71.7181, 83.8586, 64.0389**, and the grayscale version is **59.6904, 62.7990, 68.3881**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **33.9118, 30.5731, 51.6908** is the 20% darker color. If you saturate the color by 10%, you get **56.4250, 48.7095, 92.0168**, and if you desaturate by 10%, it is **74.8675, 74.4704, 96.0171**.

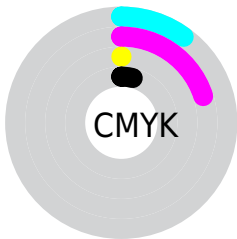
Distribution



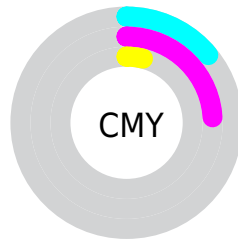
- Red (86%)
- Green (76%)
- Blue (96%)



- Red (86%)
- Yellow (76%)
- Blue (96%)



- Cyan (10%)
- Magenta (20%)
- Yellow (0%)
- Black (4%)



- Cyan (14%)
- Magenta (24%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.0577, 60.6219, 93.8602 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 65.0577, 60.6219, 93.8602 by changing the saturation by 10% instead.

65.0577, 60.6219,
93.8602

65.0577, 60.6219,
93.8602

432.5412,
426.8863, 561.4004

47.7727, 43.9201,
70.5950

111.1981,
105.7313, 154.6710

33.8575, 30.6077,
51.5320

140.7842,
134.9077, 193.0537

22.9465, 20.3003,
36.2525

175.2014,
169.0110, 237.3127

14.6745, 12.6135,
24.3380

214.8150,
208.4257, 287.8664

8.6761, 7.1630,
15.3700

259.9905,
253.5362, 345.1336

4.5859, 3.5642,
8.9300

311.0931,

2.0387, 1.4329,

304.7269, 409.5326

4.5994

368.4882,
362.3821, 481.4820

■ 0.6555, 0.2408,
1.9596

■ 0.0000, 0.0000,
0.5303

■ 65.0577, 60.6219,
93.8602

■ 65.0577, 60.6219,
93.8602

■ 56.4250, 48.7095,
92.0168

■ 74.8675, 74.4704,
96.0171

■ 48.9145, 38.6356,
90.4682

■ 85.8952, 90.3311,
98.4973

■ 42.4747, 30.3058,
89.1998

■ 93.3293, 99.3117,
99.8390

■ 37.0477, 23.6137,
88.1941

■ 32.5691, 18.4409,
87.4317

■ 28.9663, 14.6523,
86.8903

■ 26.1536, 12.0875,
86.5435

■ 24.0070, 10.4897,
86.3483

Harmonies

Analogous

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



59.5182, 60.6219, 102.8857



65.0577, 60.6219, 93.8602



68.7560, 60.6219, 77.7733

Triad

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



65.0577, 60.6219, 93.8602



61.5933, 60.6219, 40.2969



47.2821, 60.6219, 71.5340

Complementary

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



65.0577, 60.6219, 93.8602



71.7181, 83.8586, 64.0389

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.



47.7552, 60.6219, 55.4915



65.0577, 60.6219, 93.8602



55.7612, 60.6219, 39.1983

Square

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



65.0577, 60.6219, 93.8602



66.6643, 60.6219, 47.5987



50.7707, 60.6219, 44.2936



49.4318, 60.6219, 88.6378

Rectangle

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



65.0577, 60.6219, 93.8602



69.5427, 60.6219, 66.1924



50.7707, 60.6219, 44.2936



47.1432, 60.6219, 65.8218

Sweetspot

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



65.0596, 60.6245, 93.8615



87.5480, 89.1731, 107.2056



64.5133, 69.4887, 95.6013



18.5705, 18.8451, 22.9086



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.



65.0596, 60.6245, 93.8615



67.9680, 61.5259, 102.9011



72.8713, 64.6516, 94.2271



16.3540, 16.3251, 20.8317



13.2104, 5.7845, 46.9583



1.2793, 0.5694, 4.1327

Inverse Universe

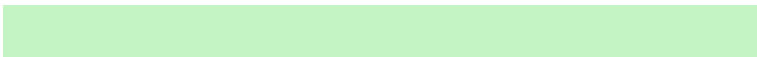
The Inverse Universe completely reimagines the original color for something new.



69.7435, 63.4331, 76.2804



74.0813, 65.1922, 79.9310



64.9204, 80.3542, 63.7208



16.8520, 16.6237, 18.9673



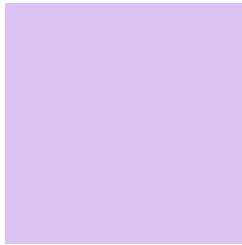
22.3507, 11.2837, 11.8209



2.0163, 1.0125, 1.3124

Previews

White Background



This preview shows how the XYZ color 65.0577, 60.6219, 93.8602 looks on a white background.

Color Contrast Check

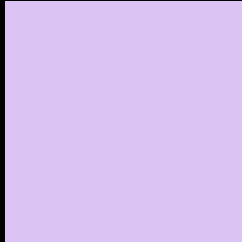
Large Text (above 18pt) WCAG AA × Fail

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 65.0577, 60.6219, 93.8602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

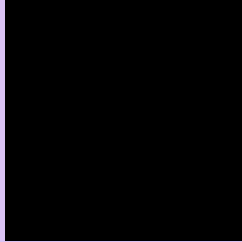
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.0577, 60.6219, 93.8602

Background



This preview shows how black text looks on a background with the XYZ color 65.0577, 60.6219, 93.8602.



This preview shows how white text looks on a background with the XYZ color 65.0577, 60.6219,

93.8602.

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

65.0577, 60.6219, 93.8602

Protanopia

60.7030, 61.0208, 98.2013

Deuteranopia

62.0088, 60.7588, 93.2534



Tritanopia

60.7805, 60.5626, 73.4520

Trichromacy



Original Color

65.0577, 60.6219, 93.8602

Protanomaly

62.0714, 60.7205, 96.4444

Deuteranomaly

62.9501, 60.5609, 93.1656

Tritanomaly

62.2405, 60.4781, 80.3445

Monochromacy



Original Color

65.0577, 60.6219, 93.8602

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

61.5585, 61.9294, 77.1157

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.0577, 60.6219, 93.8602 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(219, 195, 244)` looks like.

```
.text, #text, p{  
    color:rgb(219, 195, 244)  
}
```

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(219, 195, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 195, 244) }
```

Border

The CSS property to change the border of an element to XYZ 65.0577, 60.6219, 93.8602 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(219, 195, 244) }
```


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

```
.border{ border-color:rgb(219, 195, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 195, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 195, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 195, 244);  
box-shadow:4px 4px 4px 4px rgb(219, 195,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 65.0577, 60.6219, 93.8602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 195, 244) }
```

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

```
.background{ background-color: rgb(219,  
195, 244) }
```

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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