

Converting Colors

XYZ(66.3420, 59.2300,
106.4005)

Have a look what the booklet for
XYZ(66.3420, 59.2300, 106.4005)
contains.

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Color

**XYZ(65.6769, 59.1070,
102.5550)**

Conversions

Conversions Part 1

Format	Color
Hex	DBBEFF
RGB	219, 190, 255
RGB Percent	86%, 75%, 100%
CMY	0.1412, 0.2549, 0.0000
CMYK	0.14, 0.25, 0.00, 0.00
HSL	267°, 100%, 87%
HSV	267°, 25%, 100%
XYZ	65.6769, 59.1070, 102.5550
YIQ	206.0810, -3.5810, 26.3630

Conversions

Conversions Part 2

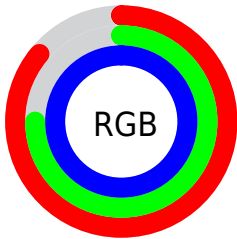
Format	Color
R _Y B	219, 190, 255
Decimal	14401279
CIE Lab	81.35, 22.43, -28.20
CIE LCh	81, 36.032, 308.491
Yxy	59.1070, 0.2889, 0.2600
Android (android.graphics.Color)	4292591359 (0xFFDBBEFF)
YUV	206.0810, 24.1171, 11.3300
Hunter-Lab	76.8811, 17.9446, -25.2727

Details

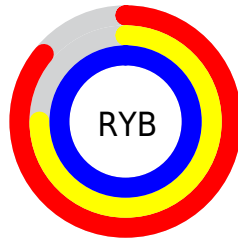
The XYZ color **65.6769, 59.1070, 102.5550** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **76.4195, 91.4070, 62.3335**, and the grayscale version is **58.5718, 61.6221, 67.1064**.

A 20% lighter version of the original color is **92.2458, 94.3915, 107.9653**, and **34.1015, 29.4721, 57.3174** is the 20% darker color. If you saturate the color by 10%, you get **56.5595, 46.9139, 100.6820**, and if you desaturate by 10%, it is **76.1244, 73.4231, 104.7676**.

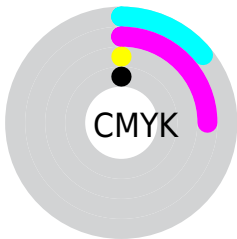
Distribution



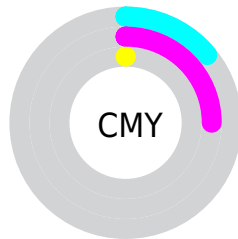
- Red (86%)
- Green (75%)
- Blue (100%)



- Red (86%)
- Yellow (75%)
- Blue (100%)



- Cyan (14%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)



- Cyan (14%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.6769, 59.1070, 102.5550 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 65.6769, 59.1070, 102.5550 by changing the saturation by 10% instead.

65.6769, 59.1070,
102.5550

65.6769, 59.1070,
102.5550

434.7273,
421.2983, 589.6700

48.2769, 42.6993,
77.8073

112.0828,
103.5332, 166.7463

34.2584, 29.6492,
57.4002

141.8194,
132.3204, 207.0271

23.2560, 19.5725,
40.9151

176.3989,
166.0029, 253.3225

14.9044, 12.0847,
27.9336

216.1866,
204.9650, 306.0513

8.8382, 6.8014,
18.0370

261.5480,
249.5913, 365.6319

4.6920, 3.3382,
10.8068

312.8483,

2.1006, 1.3107,

300.2660, 432.4828

5.8246

370.4530,
357.3735, 507.0227

■ 0.6896, 0.1495,
2.6716

■ 0.0000, 0.0000,
0.9291

■ 65.6769, 59.1070,
102.5550

■ 65.6769, 59.1070,
102.5550

■ 56.5595, 46.9139,
100.6820

■ 76.1244, 73.4231,
104.7676

■ 48.7079, 36.7314,
99.1304

■ 87.9522, 89.9528,
107.3348

■ 42.0596, 28.4473,
97.8818

95.0500, 100.0000,
108.9000

■ 36.5442, 21.9351,
96.9155

■ 32.0830, 17.0524,
96.2082

■ 28.5853, 13.6335,
95.7326

■ 25.9408, 11.4742,
95.4553

■ 24.9594, 10.7819,
95.3734

Harmonies

Analogous

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



58.3436, 59.1070, 114.6705



65.6769, 59.1070, 102.5550



70.7482, 59.1070, 80.7815

Triad

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



65.6769, 59.1070, 102.5550



61.6544, 59.1070, 32.9851



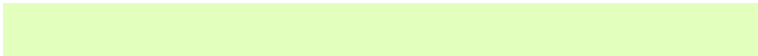
43.0470, 59.1070, 70.6736

Complementary

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



65.6769, 59.1070, 102.5550



76.4195, 91.4070, 62.3335

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.



43.7620, 59.1070, 50.3256



65.6769, 59.1070, 102.5550



54.0695, 59.1070, 31.4519

Square

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



65.6769, 59.1070, 102.5550



68.2854, 59.1070, 41.8539



47.6448, 59.1070, 37.0619



45.5962, 59.1070, 93.7545

Rectangle

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



65.6769, 59.1070, 102.5550



71.9241, 59.1070, 65.4550



47.6448, 59.1070, 37.0619



42.9185, 59.1070, 63.2723

Sweetspot

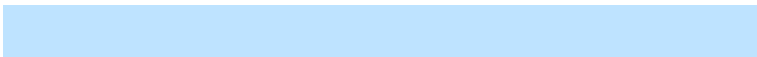
The Sweet Spot groups the original color and five complimentary colors.



65.6786, 59.1094, 102.5554



84.8487, 85.5876, 106.6558



66.7104, 73.0159, 105.1852



17.7724, 17.7744, 22.7440



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.



65.6786, 59.1094, 102.5554



60.4921, 52.1322, 101.4820



76.1283, 64.4964, 103.0444



17.7724, 17.7744, 22.7440



13.2075, 5.7192, 49.8424



1.4094, 0.6205, 4.8588

Inverse Universe

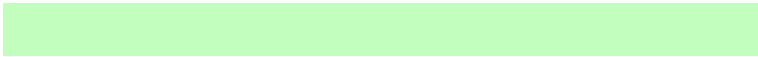
The Inverse Universe completely reimagines the original color for something new.



73.3822, 63.5800, 80.3576



69.6383, 57.4442, 74.9415



67.3897, 86.7520, 61.9109



18.4305, 18.1555, 20.8842



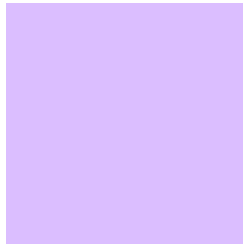
24.1463, 12.1478, 14.6869



2.4061, 1.2048, 1.7199

Previews

White Background



This preview shows how the XYZ color 65.6769, 59.1070, 102.5550 looks on a white background.

Color Contrast Check

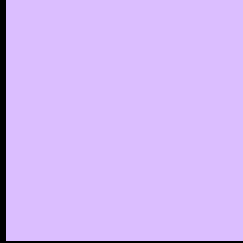
Large Text (above 18pt) WCAG AA × Fail

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 65.6769, 59.1070, 102.5550 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 65.6769, 59.1070, 102.5550

Background



This preview shows how black text looks on a background with the XYZ color 65.6769, 59.1070, 102.5550.



This preview shows how white text looks on a background with the XYZ color 65.6769, 59.1070,

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

65.6769, 59.1070, 102.5550

Protanopia

59.4433, 59.2199, 102.9053

Deuteranopia

60.4294, 59.0821, 101.1475



Tritanopia

59.3557, 59.1893, 71.2471

Trichromacy



Original Color

65.6769, 59.1070, 102.5550

Protanomaly

61.3431, 58.8420, 102.7322

Deuteranomaly

62.3063, 59.0233, 101.8747

Tritanomaly

61.5430, 59.0787, 81.5585

Monochromacy



Original Color

65.6769, 59.1070, 102.5550

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

60.9728, 60.5393, 78.9926

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.6769, 59.1070, 102.5550 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, 190, 255)` looks like.

```
.text, #text, p{  
    color:rgb(219, 190, 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(219, 190, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 190, 255) }
```

Border

The CSS property to change the border of an element to XYZ 65.6769, 59.1070, 102.5550 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, 190, 255) }
```


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

```
.border{ border-color:rgb(219, 190, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 190, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 190, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 190, 255);  
box-shadow:4px 4px 4px 4px rgb(219, 190,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 65.6769, 59.1070, 102.5550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 190, 255) }
```

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

```
.background{ background-color: rgb(219,  
190, 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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