

Converting Colors

XYZ(64.9774, 55.9348,
101.9796)

Have a look what the booklet for
XYZ(64.9774, 55.9348, 101.9796)
contains.

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Color

**XYZ(65.0053, 55.9557,
101.9821)**

Conversions

Conversions Part 1

Format	Color
Hex	DFB5FF
RGB	223, 181, 255
RGB Percent	87%, 71%, 100%
CMY	0.1255, 0.2902, 0.0000
CMYK	0.13, 0.29, 0.00, 0.00
HSL	274°, 100%, 85%
HSV	274°, 29%, 100%
XYZ	65.0053, 55.9557, 101.9821
YIQ	201.9940, 1.2780, 31.9180

Conversions

Conversions Part 2

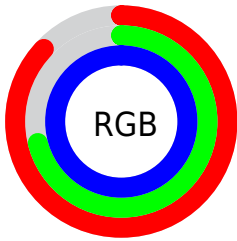
Format	Color
R _Y B	223, 181, 255
Decimal	14661119
CIE Lab	79.59, 28.51, -30.87
CIE LCh	80, 42.023, 312.718
Yxy	55.9557, 0.2916, 0.2510
Android (android.graphics.Color)	4292851199 (0xFFDFB5FF)
YUV	201.9940, 26.1320, 18.4223
Hunter-Lab	74.8035, 24.2127, -28.4695

Details

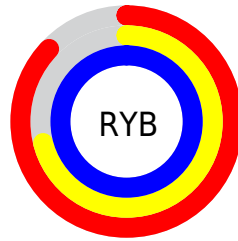
The XYZ color **65.0053, 55.9557, 101.9821** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **71.5422, 89.0029, 57.1271**, and the grayscale version is **55.9784, 58.8937, 64.1352**.

A 20% lighter version of the original color is **89.5742, 89.0484, 107.0747**, and **33.8486, 27.7310, 56.9947** is the 20% darker color. If you saturate the color by 10%, you get **56.9998, 44.8244, 100.2555**, and if you desaturate by 10%, it is **74.1843, 69.1034, 104.0361**.

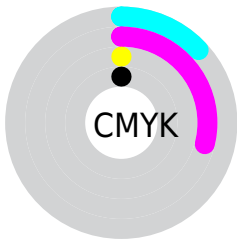
Distribution



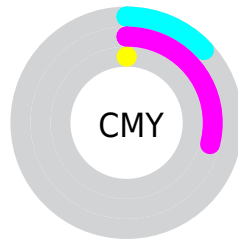
- Red (87%)
- Green (71%)
- Blue (100%)



- Red (87%)
- Yellow (71%)
- Blue (100%)



- Cyan (13%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)



- Cyan (13%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.0053, 55.9557, 101.9821 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 65.0053, 55.9557, 101.9821 by changing the saturation by 10% instead.

65.0053, 55.9557,
101.9821

65.0053, 55.9557,
101.9821

432.3559,
409.5245, 587.8298

47.7301, 40.1674,
77.3308

111.1231, 98.9398,
165.9540

33.8236, 27.6691,
57.0112

140.6965,
126.9044, 206.1116

22.9203, 18.0764,
40.6049

175.0999,
159.6966, 252.2751

14.6551, 11.0048,
27.6931

214.6988,
197.7007, 304.8631

8.6624, 6.0701,
17.8574

259.8585,
241.3011, 364.2940

4.5770, 2.8877,
10.6793

310.9443,

2.0334, 1.0734,

290.8823, 430.9864

5.7402

368.3217,
346.8287, 505.3588

■ 0.6526, 0.0000,
2.6215

■ 0.0000, 0.0000,
0.9035

■ 65.0053, 55.9557,
101.9821

■ 65.0053, 55.9557,
101.9821

■ 56.9998, 44.8244,
100.2555

■ 74.1843, 69.1034,
104.0361

■ 50.1068, 35.5969,
98.8377

■ 84.5837, 84.3584,
106.4325

■ 44.2669, 28.1596,
97.7100

95.0500, 100.0000,
108.9000

■ 39.4124, 22.3838,
96.8510

■ 35.4666, 18.1228,
96.2365

■ 32.3390, 15.2028,
95.8377

■ 29.8982, 13.3683,
95.6123

■ 29.6797, 13.2153,
95.5943

Harmonies

Analogous

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



56.8479, 55.9557, 118.6330



65.0053, 55.9557, 101.9821



70.2852, 55.9557, 75.8465

Triad

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



65.0053, 55.9557, 101.9821



58.1665, 55.9557, 26.3804



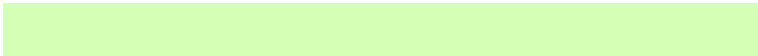
38.8372, 55.9557, 71.7734

Complementary

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



65.0053, 55.9557, 101.9821



71.5422, 89.0029, 57.1271

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.



39.1098, 55.9557, 48.1034



65.0053, 55.9557, 101.9821



49.6814, 55.9557, 25.8345

Square

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



65.0053, 55.9557, 101.9821



66.0584, 55.9557, 34.4632



42.8908, 55.9557, 32.6994



42.1018, 55.9557, 98.3272

Rectangle

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



65.0053, 55.9557, 101.9821



71.1514, 55.9557, 58.7427



42.8908, 55.9557, 32.6994



38.5291, 55.9557, 63.1633

Sweetspot

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



65.0070, 55.9580, 101.9825



84.6033, 84.3875, 106.4371



60.9188, 64.6677, 103.8791



17.7680, 17.5584, 22.7026



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.



65.0070, 55.9580, 101.9825



60.0798, 49.0625, 100.9112



75.0306, 61.2160, 98.3589



17.9898, 17.8865, 22.7542



15.6827, 6.9952, 49.9582



1.6523, 0.7457, 4.8701

Inverse Universe

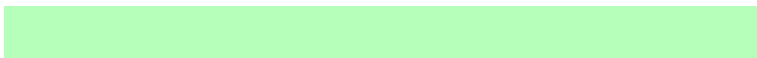
The Inverse Universe completely reimagines the original color for something new.



69.7753, 59.1138, 70.6848



65.7712, 52.8178, 64.0717



63.6734, 84.8868, 59.4485



18.3355, 18.1175, 20.3839



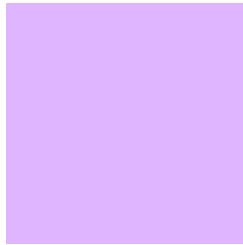
23.0986, 11.7287, 9.1698



2.3026, 1.1634, 1.1749

Previews

White Background



This preview shows how the XYZ color 65.0053, 55.9557, 101.9821 looks on a white background.

Color Contrast Check

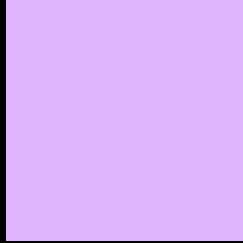
Large Text (above 18pt) WCAG AA × Fail

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 65.0053, 55.9557, 101.9821 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 65.0053, 55.9557, 101.9821

Background



This preview shows how black text looks on a background with the XYZ color 65.0053, 55.9557, 101.9821.

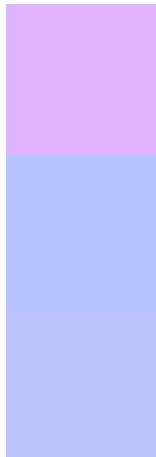


This preview shows how white text looks on a background with the XYZ color 65.0053, 55.9557,

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

65.0053, 55.9557, 101.9821

Protanopia

56.6212, 56.0740, 102.4468

Deuteranopia

57.6015, 56.3032, 99.9271



Tritanopia

57.6746, 56.1165, 65.5494

Trichromacy



Original Color

65.0053, 55.9557, 101.9821

Protanomaly

59.2284, 55.7827, 102.2532

Deuteranomaly

60.0146, 55.9045, 100.5561

Tritanomaly

60.0030, 55.7738, 77.4150

Monochromacy



Original Color

65.0053, 55.9557, 101.9821

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

58.9213, 57.5057, 76.4008

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.0053, 55.9557, 101.9821 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(223, 181, 255)` looks like.

```
.text, #text, p{  
    color:rgb(223, 181, 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(223, 181, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 181, 255) }
```

Border

The CSS property to change the border of an element to XYZ 65.0053, 55.9557, 101.9821 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(223, 181, 255) }
```


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

```
.border{ border-color:rgb(223, 181, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 181, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 181, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 181, 255);  
box-shadow:4px 4px 4px 4px rgb(223, 181,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 65.0053, 55.9557, 101.9821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 181, 255) }
```

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

```
.background{ background-color: rgb(223,  
181, 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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