

Converting Colors

XYZ(64.5654, 56.2741,
112.8839)

Have a look what the booklet for
XYZ(64.5654, 56.2741, 112.8839)
contains.

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Color

**XYZ(62.6311, 55.6471,
102.0477)**

Conversions

Conversions Part 1

Format	Color
Hex	D5B8FF
RGB	213, 184, 255
RGB Percent	84%, 72%, 100%
CMY	0.1647, 0.2784, 0.0000
CMYK	0.16, 0.28, 0.00, 0.00
HSL	265°, 100%, 86%
HSV	265°, 28%, 100%
XYZ	62.6311, 55.6471, 102.0477
YIQ	200.7650, -5.5070, 28.2290

Conversions

Conversions Part 2

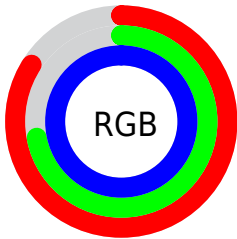
Format	Color
R _Y B	213, 184, 255
Decimal	14006527
CIE Lab	79.41, 23.84, -31.22
CIE LCh	79, 39.280, 307.363
Yxy	55.6471, 0.2843, 0.2526
Android (android.graphics.Color)	4292196607 (0xFFD5B8FF)
YUV	200.7650, 26.7379, 10.7301
Hunter-Lab	74.5970, 19.3226, -28.8901

Details

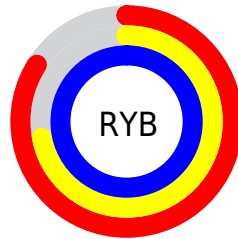
The XYZ color **62.6311, 55.6471, 102.0477** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **75.7767, 91.1499, 58.9496**, and the grayscale version is **55.2156, 58.0911, 63.2612**.

A 20% lighter version of the original color is **90.4501, 90.8002, 107.3667**, and **32.4099, 27.5789, 57.0412** is the 20% darker color. If you saturate the color by 10%, you get **53.6302, 43.8408, 100.2432**, and if you desaturate by 10%, it is **72.9970, 69.5770, 104.1901**.

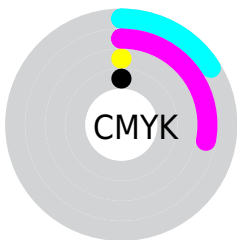
Distribution



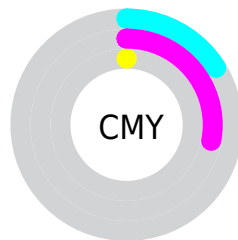
- Red (84%)
- Green (72%)
- Blue (100%)



- Red (84%)
- Yellow (72%)
- Blue (100%)



- Cyan (16%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)



- Cyan (16%)
- Magenta (28%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.6311, 55.6471, 102.0477 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 62.6311, 55.6471, 102.0477 by changing the saturation by 10% instead.

62.6311, 55.6471,
102.0477

62.6311, 55.6471,
102.0477

423.9104,
408.3602, 588.0407

45.8004, 39.9201,
77.3854

107.7219, 98.4884,
166.0447

32.2923, 27.4762,
57.0558

136.7127,
126.3715, 206.2165

21.7415, 17.9312,
40.6404

170.4876,
159.0753, 252.3951

13.7826, 10.9006,
27.7206

209.4119,
196.9843, 304.9992

8.0503, 6.0000,
17.8779

253.8510,
240.4829, 364.4473

4.1792, 2.8451,
10.6939

304.1702,

1.8040, 1.0514,

289.9555, 431.1578

5.7498

360.7349,
345.7865, 505.5495

■ 0.5201, 0.0000,
2.6272

■ 0.0000, 0.0000,
0.9065

■ 62.6311, 55.6471,
102.0477

■ 62.6311, 55.6471,
102.0477

■ 53.6302, 43.8408,
100.2432

■ 72.9970, 69.5770,
104.1901

■ 45.9270, 34.0432,
98.7581

■ 84.7810, 85.7244,
106.6858

■ 39.4556, 26.1382,
97.5734

95.0500, 100.0000,
108.9000

■ 34.1413, 19.9950,
96.6677

■ 29.9007, 15.4650,
96.0169

■ 26.6366, 12.3741,
95.5923

■ 24.2228, 10.4909,
95.3560

■ 23.7770, 10.1724,
95.3180

Harmonies

Analogous

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



54.8569, 55.6471, 114.6324



62.6311, 55.6471, 102.0477



68.1474, 55.6471, 78.8779

Triad

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



62.6311, 55.6471, 102.0477



58.9410, 55.6471, 28.7112



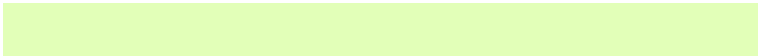
39.2397, 55.6471, 66.3242

Complementary

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



62.6311, 55.6471, 102.0477



75.7767, 91.1499, 58.9496

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.



40.1004, 55.6471, 45.3731



62.6311, 55.6471, 102.0477



50.9725, 55.6471, 26.9344

Square

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



62.6311, 55.6471, 102.0477



65.8736, 55.6471, 37.8834



44.2168, 55.6471, 32.2263



41.7369, 55.6471, 90.9303

Rectangle

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



62.6311, 55.6471, 102.0477



69.5200, 55.6471, 62.6093



44.2168, 55.6471, 32.2263



39.1506, 55.6471, 58.6150

Sweetspot

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



62.6327, 55.6493, 102.0480



84.5828, 85.4505, 106.6434



65.1785, 72.1314, 105.0952



17.7056, 17.7400, 22.7409



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.



62.6327, 55.6493, 102.0480



57.8225, 49.2998, 101.0760



73.8675, 61.4410, 102.5738



17.7056, 17.7400, 22.7409



12.5830, 5.3972, 49.8132



1.3453, 0.5874, 4.8558

Inverse Universe

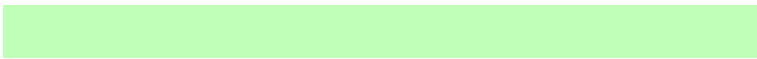
The Inverse Universe completely reimagines the original color for something new.



72.1091, 61.0339, 79.9328



68.7763, 55.5299, 75.2410



65.9242, 86.0707, 58.4885



18.4603, 18.1674, 21.0411



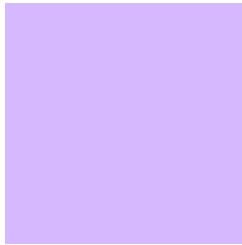
24.5369, 12.3041, 16.7439



2.4433, 1.2197, 1.9160

Previews

White Background



This preview shows how the XYZ color 62.6311, 55.6471, 102.0477 looks on a white background.

Color Contrast Check

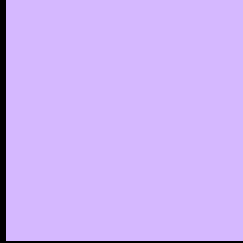
Large Text (above 18pt) WCAG AA × Fail

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 62.6311, 55.6471, 102.0477 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 62.6311, 55.6471, 102.0477

Background



This preview shows how black text looks on a background with the XYZ color 62.6311, 55.6471, 102.0477.

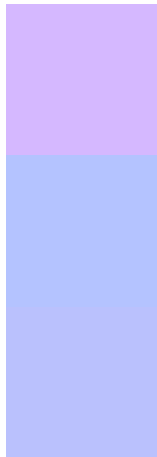


This preview shows how white text looks on a background with the XYZ color 62.6311, 55.6471,

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

62.6311, 55.6471, 102.0477

Protanopia

56.3875, 55.9535, 102.4359

Deuteranopia

57.0493, 55.6709, 100.6672



Tritanopia

55.6320, 55.6731, 67.4884

Trichromacy



Original Color

62.6311, 55.6471, 102.0477

Protanomaly

58.4190, 55.6881, 102.2776

Deuteranomaly

59.0678, 55.7184, 101.4075

Tritanomaly

58.0165, 55.6731, 78.9223

Monochromacy



Original Color

62.6311, 55.6471, 102.0477

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

57.7431, 57.2298, 76.4097

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.6311, 55.6471, 102.0477 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(213, 184, 255)` looks like.

```
.text, #text, p{  
    color:rgb(213, 184, 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(213, 184, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 184, 255) }
```

Border

The CSS property to change the border of an element to XYZ 62.6311, 55.6471, 102.0477 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(213, 184, 255) }
```


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

```
.border{ border-color:rgb(213, 184, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 184, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 184, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 184, 255);  
box-shadow:4px 4px 4px 4px rgb(213, 184,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 62.6311, 55.6471, 102.0477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 184, 255) }
```

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

```
.background{ background-color: rgb(213,  
184, 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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