

Converting Colors

XYZ(66.1101, 58.8807,
102.4885)

Have a look what the booklet for
XYZ(66.1101, 58.8807, 102.4885)
contains.

XYZ(66.0664, 58.9873, 102.5114)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(66.0664, 58.9873,
102.5114)**

Conversions

Conversions Part 1

Format	Color
Hex	DDBDFF
RGB	221, 189, 255
RGB Percent	87%, 74%, 100%
CMY	0.1333, 0.2588, 0.0000
CMYK	0.13, 0.26, 0.00, 0.00
HSL	269°, 100%, 87%
HSV	269°, 26%, 100%
XYZ	66.0664, 58.9873, 102.5114
YIQ	206.0920, -2.1140, 27.3100

Conversions

Conversions Part 2

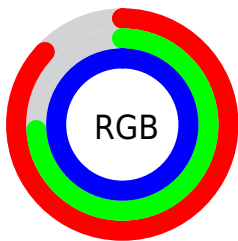
Format	Color
R _Y B	221, 189, 255
Decimal	14532095
CIE Lab	81.28, 23.58, -28.29
CIE LCh	81, 36.828, 309.816
Yxy	58.9873, 0.2903, 0.2592
Android (android.graphics.Color)	4292722175 (0xFFDDBDFF)
YUV	206.0920, 24.1116, 13.0743
Hunter-Lab	76.8032, 19.1408, -25.3738

Details

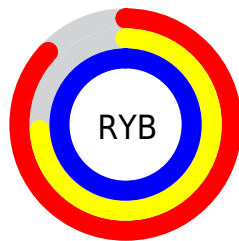
The XYZ color **66.0664, 58.9873, 102.5114** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **75.3779, 90.8826, 61.7160**, and the grayscale version is **58.5781, 61.6287, 67.1137**.

A 20% lighter version of the original color is **91.9424, 93.7848, 107.8641**, and **34.3741, 29.4045, 57.2900** is the 20% darker color. If you saturate the color by 10%, you get **57.2118, 46.9844, 100.6613**, and if you desaturate by 10%, it is **76.2017, 73.0848, 104.6983**.

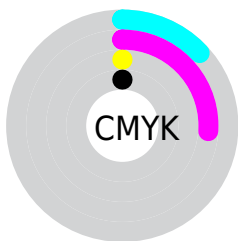
Distribution



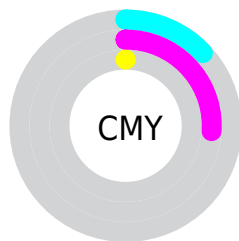
- Red (87%)
- Green (74%)
- Blue (100%)



- Red (87%)
- Yellow (74%)
- Blue (100%)



- Cyan (13%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)



- Cyan (13%)
- Magenta (26%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.0664, 58.9873, 102.5114 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 66.0664, 58.9873, 102.5114 by changing the saturation by 10% instead.

66.0664, 58.9873,
102.5114

66.0664, 58.9873,
102.5114

436.0992,
420.8548, 589.5301

48.5942, 42.6029,
77.7710

112.6388,
103.3592, 166.6860

34.5109, 29.5737,
57.3706

142.4698,
132.1155, 206.9574

23.4511, 19.5152,
40.8915

177.1510,
165.7645, 253.2428

15.0495, 12.0431,
27.9152

217.0479,
204.6907, 305.9609

8.9407, 6.7731,
18.0233

262.5259,
249.2785, 365.5301

4.7593, 3.3206,
10.7971

313.9501,

2.1400, 1.3013,

299.9121, 432.3690

5.8181

371.6861,
356.9761, 506.8962

■ 0.7108, 0.1422,
2.6678

■ 0.0000, 0.0000,
0.9272

■ 66.0664, 58.9873,
102.5114

■ 66.0664, 58.9873,
102.5114

■ 57.2118, 46.9844,
100.6613

■ 76.2017, 73.0848,
104.6983

■ 49.5750, 36.9644,
99.1297

■ 87.6663, 89.3671,
107.2368

■ 43.0955, 28.8157,
97.8983

95.0500, 100.0000,
108.9000

■ 37.7045, 22.4122,
96.9465

■ 33.3250, 17.6120,
96.2508

■ 29.8680, 14.2491,
95.7839

■ 27.2246, 12.1190,
95.5120

■ 26.3098, 11.4781,
95.4366

Harmonies

Analogous

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



58.6219, 58.9873, 115.5834



66.0664, 58.9873, 102.5114



71.1049, 58.9873, 79.9584

Triad

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



66.0664, 58.9873, 102.5114



61.3187, 58.9873, 32.1401



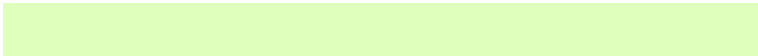
42.7331, 58.9873, 71.7127

Complementary

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



66.0664, 58.9873, 102.5114



75.3779, 90.8826, 61.7160

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.



43.3123, 58.9873, 50.7077



66.0664, 58.9873, 102.5114



53.5849, 58.9873, 30.9089

Square

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



66.0664, 58.9873, 102.5114



68.1949, 58.9873, 40.7678



47.1288, 58.9873, 36.9037



45.4673, 58.9873, 95.3036

Rectangle

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



66.0664, 58.9873, 102.5114



72.1730, 58.9873, 64.3634



47.1288, 58.9873, 36.9037



42.5530, 58.9873, 64.0911

Sweetspot

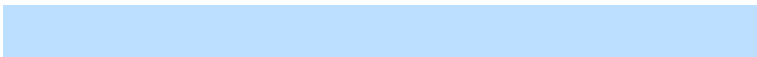
The Sweet Spot groups the original color and five complimentary colors.



66.0681, 58.9897, 102.5117



85.1228, 85.7289, 106.6686



65.4524, 70.8694, 104.8372



17.8413, 17.8099, 22.7473



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.



66.0681, 58.9897, 102.5117



61.3781, 52.5890, 101.5235



77.0851, 64.6691, 103.0273



17.8413, 17.8099, 22.7473



13.9182, 6.0856, 49.8756



1.4807, 0.6572, 4.8621

Inverse Universe

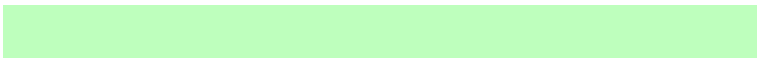
The Inverse Universe completely reimagines the original color for something new.



72.7581, 62.9850, 78.1361



69.2374, 57.2838, 72.8303



66.2071, 86.1549, 61.2868



18.4001, 18.1433, 20.7239



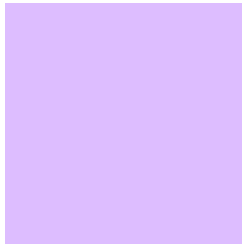
23.7781, 12.0006, 12.7481



2.3704, 1.1905, 1.5320

Previews

White Background



This preview shows how the XYZ color 66.0664, 58.9873, 102.5114 looks on a white background.

Color Contrast Check

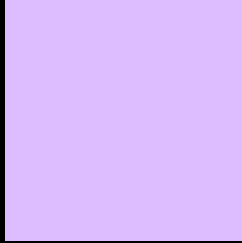
Large Text (above 18pt) WCAG AA × Fail

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 66.0664, 58.9873, 102.5114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

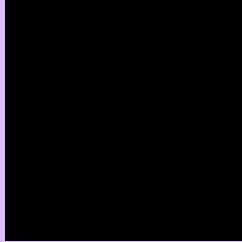
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.0664, 58.9873, 102.5114

Background



This preview shows how black text looks on a background with the XYZ color 66.0664, 58.9873, 102.5114.

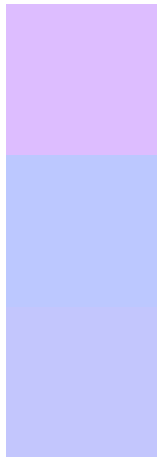


This preview shows how white text looks on a background with the XYZ color 66.0664, 58.9873,

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

66.0664, 58.9873, 102.5114

Protanopia

59.4433, 59.2199, 102.9053

Deuteranopia

60.4294, 59.0821, 101.1475



Tritanopia

59.5815, 58.9821, 70.5318

Trichromacy



Original Color

66.0664, 58.9873, 102.5114

Protanomaly

61.6093, 58.9792, 102.7447

Deuteranomaly

62.3063, 59.0233, 101.8747

Tritanomaly

61.9106, 58.9367, 81.5117

Monochromacy



Original Color

66.0664, 58.9873, 102.5114

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 66.0664, 58.9873, 102.5114 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(221, 189, 255)` looks like.

```
.text, #text, p{  
    color:rgb(221, 189, 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(221, 189, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 189, 255) }
```

Border

The CSS property to change the border of an element to XYZ 66.0664, 58.9873, 102.5114 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(221, 189, 255) }
```


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

```
.border{ border-color:rgb(221, 189, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 189, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 189, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 189, 255);  
box-shadow:4px 4px 4px 4px rgb(221, 189,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 66.0664, 58.9873, 102.5114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 189, 255) }
```

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

```
.background{ background-color: rgb(221,  
189, 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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