

Converting Colors

XYZ(91.4933, 73.1036,
234.9021)

Have a look what the booklet for
XYZ(91.4933, 73.1036, 234.9021)
contains.

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Color

**XYZ(66.6682, 63.2894,
103.3100)**

Conversions

Conversions Part 1

Format	Color
Hex	D6C9FF
RGB	214, 201, 255
RGB Percent	84%, 79%, 100%
CMY	0.1608, 0.2117, 0.0000
CMYK	0.16, 0.21, 0.00, 0.00
HSL	254°, 100%, 89%
HSV	254°, 21%, 100%
XYZ	66.6682, 63.2894, 103.3100
YIQ	211.0430, -9.5860, 19.5500

Conversions

Conversions Part 2

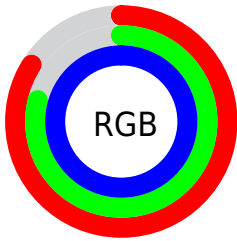
Format	Color
R _Y B	214, 201, 255
Decimal	14076415
CIE Lab	83.59, 14.97, -24.81
CIE LCh	84, 28.978, 301.097
Yxy	63.2894, 0.2858, 0.2713
Android (android.graphics.Color)	4292266495 (0xFFD6C9FF)
YUV	211.0430, 21.6708, 2.5933
Hunter-Lab	79.5546, 10.3656, -21.3060

Details

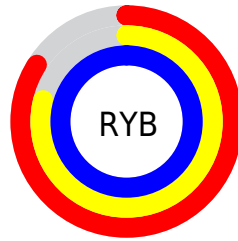
The XYZ color **66.6682, 63.2894, 103.3100** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.9218, 94.6149, 69.1532**, and the grayscale version is **61.8128, 65.0319, 70.8197**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.9248, 32.3156, 57.8229** is the 20% darker color. If you saturate the color by 10%, you get **55.8914, 49.6311, 101.2417**, and if you desaturate by 10%, it is **79.1070, 79.2725, 105.7395**.

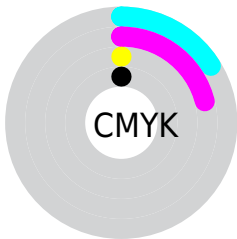
Distribution



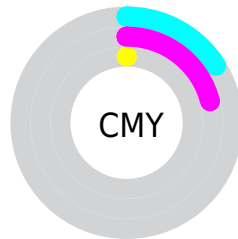
- Red (84%)
- Green (79%)
- Blue (100%)



- Red (84%)
- Yellow (79%)
- Blue (100%)



- Cyan (16%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (16%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.6682, 63.2894, 103.3100 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 66.6682, 63.2894, 103.3100 by changing the saturation by 10% instead.

66.6682, 63.2894,
103.3100

66.6682, 63.2894,
103.3100

438.2139,
436.6190, 592.0906

49.0847, 46.0754,
78.4355

113.4973,
109.5869, 167.7899

34.9015, 32.3053,
57.9132

143.4736,
139.4392, 208.2324

23.7532, 21.5948,
41.3246

178.3116,
174.2730, 254.7013

15.2744, 13.5595,
28.2512

218.3766,
214.4728, 307.6151

9.0997, 7.8149,
18.2744

264.0339,
260.4229, 367.3924

4.8639, 3.9767,
10.9757

315.6491,

2.2016, 1.6606,

312.5077, 434.4517

5.9365

373.5872,
371.1116, 509.2116

■ 0.7436, 0.3979,
2.7384

■ 0.0000, 0.0000,
0.9627

■ 66.6682, 63.2894,
103.3100

■ 66.6682, 63.2894,
103.3100

■ 55.8914, 49.6311,
101.2417

■ 79.1070, 79.2725,
105.7395

■ 46.6991, 38.1805,
99.5160

■ 93.2700, 97.6748,
108.5450

■ 39.0155, 28.8218,
98.1146

■ 95.0500, 100.0000,
108.9000

■ 32.7562, 21.4255,
97.0168

■ 27.8282, 15.8471,
96.1998

■ 24.1262, 11.9217,
95.6373

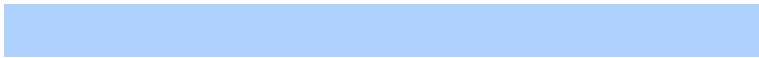
■ 21.5273, 9.4530,
95.2977

■ 19.9982, 8.2244,
95.1412

Harmonies

Analogous

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



60.3882, 63.2894, 110.0084



66.6682, 63.2894, 103.3100



71.4615, 63.2894, 87.1862

Triad

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



66.6682, 63.2894, 103.3100



66.2366, 63.2894, 42.6596



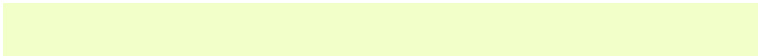
48.7788, 63.2894, 69.5813

Complementary

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



66.6682, 63.2894, 103.3100



82.9218, 94.6149, 69.1532

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.



50.1082, 63.2894, 53.3872



66.6682, 63.2894, 103.3100



59.9218, 63.2894, 39.5848

Square

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



66.6682, 63.2894, 103.3100



71.2003, 63.2894, 52.4175



54.0798, 63.2894, 43.1465



50.3149, 63.2894, 88.5463

Rectangle

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



66.6682, 63.2894, 103.3100



73.0099, 63.2894, 74.4530



54.0798, 63.2894, 43.1465



48.9046, 63.2894, 63.6518

Sweetspot

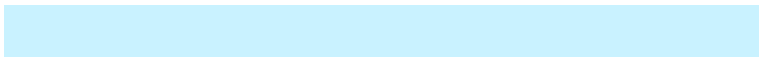
The Sweet Spot groups the original color and five complimentary colors.



66.6700, 63.2919, 103.3104



86.2163, 88.4866, 107.1433



74.0103, 83.3814, 106.8012



18.2563, 18.6831, 22.8939



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.



66.6700, 63.2919, 103.3104



62.3548, 57.7980, 102.4774



75.0773, 67.6261, 103.7039



17.4124, 17.5888, 22.7272



10.5600, 4.3543, 49.7185



1.1210, 0.4718, 4.8453

Inverse Universe

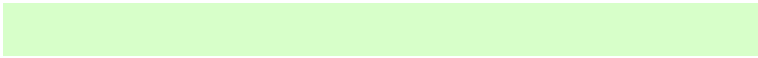
The Inverse Universe completely reimagines the original color for something new.



78.1550, 69.4463, 93.2912



75.6022, 64.9015, 90.7113



74.4461, 90.2455, 68.7565



18.5947, 18.2212, 21.7489



26.6759, 13.1597, 28.0077



2.6400, 1.2984, 2.9517

Previews

White Background



This preview shows how the XYZ color 66.6682, 63.2894, 103.3100 looks on a white background.

Color Contrast Check

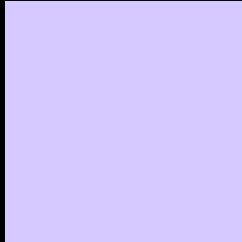
Large Text (above 18pt) WCAG AA × Fail

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 66.6682, 63.2894, 103.3100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

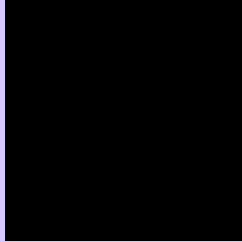
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.6682, 63.2894, 103.3100

Background



This preview shows how black text looks on a background with the XYZ color 66.6682, 63.2894, 103.3100.

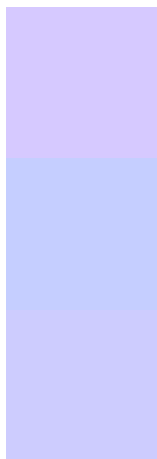


This preview shows how white text looks on a background with the XYZ color 66.6682, 63.2894,

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

66.6682, 63.2894, 103.3100

Protanopia

63.1473, 63.2329, 103.4847

Deuteranopia

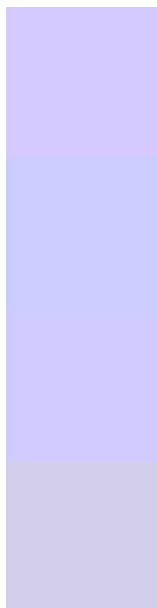
64.6591, 63.3206, 102.5801



Tritanopia

61.6445, 63.3633, 78.7934

Trichromacy



Original Color

66.6682, 63.2894, 103.3100

Protanomaly

64.2715, 63.1022, 103.4002

Deuteranomaly

65.2578, 63.2775, 102.5403

Tritanomaly

63.4051, 63.3624, 87.4856

Monochromacy



Original Color

66.6682, 63.2894, 103.3100

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

63.3293, 64.1687, 81.7210

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.6682, 63.2894, 103.3100 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(214, 201, 255)` looks like.

```
.text, #text, p{  
    color:rgb(214, 201, 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(214, 201, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 201, 255) }
```

Border

The CSS property to change the border of an element to XYZ 66.6682, 63.2894, 103.3100 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(214, 201, 255) }
```


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

```
.border{ border-color:rgb(214, 201, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 201, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 201, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 201, 255);  
box-shadow:4px 4px 4px 4px rgb(214, 201,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 66.6682, 63.2894, 103.3100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 201, 255) }
```

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

```
.background{ background-color: rgb(214,  
201, 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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