

Converting Colors

XYZ(66.7720, 65.4611,
103.7237)

Have a look what the booklet for
XYZ(66.7720, 65.4611, 103.7237)
contains.

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Color

**XYZ(66.6573, 65.4010,
103.7182)**

Conversions

Conversions Part 1

Format	Color
Hex	D1CFFF
RGB	209, 207, 255
RGB Percent	82%, 81%, 100%
CMY	0.1804, 0.1882, 0.0000
CMYK	0.18, 0.19, 0.00, 0.00
HSL	242°, 100%, 91%
HSV	242°, 19%, 100%
XYZ	66.6573, 65.4010, 103.7182
YIQ	213.0700, -14.2160, 15.3520

Conversions

Conversions Part 2

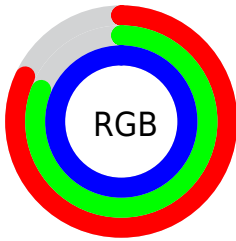
Format	Color
R _Y B	209, 207, 255
Decimal	13750271
CIE Lab	84.69, 10.22, -23.18
CIE LCh	85, 25.336, 293.790
Yxy	65.4010, 0.2827, 0.2774
Android (android.graphics.Color)	4291940351 (0xFFD1CFFF)
YUV	213.0700, 20.6715, -3.5694
Hunter-Lab	80.8709, 5.6034, -19.4308

Details

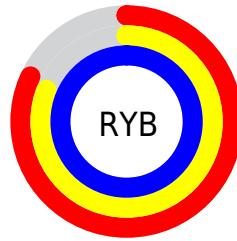
The XYZ color **66.6573, 65.4010, 103.7182** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **87.5319, 96.9083, 73.1263**, and the grayscale version is **63.1672, 66.4568, 72.3715**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.9107, 33.7297, 58.0966** is the 20% darker color. If you saturate the color by 10%, you get **54.5792, 50.7335, 101.5237**, and if you desaturate by 10%, it is **80.7973, 82.6158, 106.2957**.

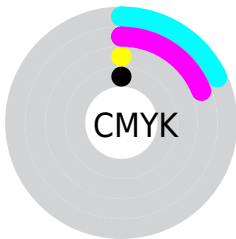
Distribution



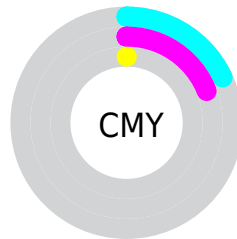
- Red (82%)
- Green (81%)
- Blue (100%)



- Red (82%)
- Yellow (81%)
- Blue (100%)



- Cyan (18%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.6573, 65.4010, 103.7182 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 66.6573, 65.4010, 103.7182 by changing the saturation by 10% instead.

■ 66.6573, 65.4010,
103.7182

■ 66.6573, 65.4010,
103.7182

438.1756,
444.2316, 593.3971

■ 49.0758, 47.7863,
78.7752

113.4817,
112.6262, 168.3538

■ 34.8944, 33.6577,
58.1908

143.4554,
143.0055, 208.8835

■ 23.7477, 22.6308,
41.5464

178.2906,
178.4084, 255.4460

■ 15.2703, 14.3211,
28.4233

218.3525,
219.2194, 308.4596

■ 9.0969, 8.3443,
18.4032

264.0067,
265.8228, 368.3430

■ 4.8620, 4.3161,
11.0674

315.6183,

■ 2.2005, 1.8519,

318.6030, 435.5147

5.9975

373.5529,
377.9445, 510.3932

■ 0.7430, 0.5192,
2.7748

■ 0.0000, 0.0000,
0.9808

■ 66.6573, 65.4010,
103.7182

■ 66.6573, 65.4010,
103.7182

■ 54.5792, 50.7335,
101.5237

■ 80.7973, 82.6158,
106.2957

■ 44.4615, 38.4850,
99.6927

95.0500, 100.0000,
108.9000

■ 36.2024, 28.5279,
98.2061

■ 29.6888, 20.7197,
97.0423

■ 24.7952, 14.9021,
96.1773

■ 21.3793, 10.8949,
95.5839

■ 19.2741, 8.4854,
95.2297

■ 18.2560, 7.3746,
95.0690

■ 18.1830, 7.2885,
95.0562

Harmonies

Analogous

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



60.9915, 65.4010, 106.9195



66.6573, 65.4010, 103.7182



71.3656, 65.4010, 91.2621

Triad

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



66.6573, 65.4010, 103.7182



68.8170, 65.4010, 48.9006



51.9552, 65.4010, 67.8910

Complementary

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



66.6573, 65.4010, 103.7182



87.5319, 96.9083, 73.1263

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.



53.7852, 65.4010, 54.3348



66.6573, 65.4010, 103.7182



63.3467, 65.4010, 44.4953

Square

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



66.6573, 65.4010, 103.7182



72.6645, 65.4010, 59.3598



57.8729, 65.4010, 46.3223



52.7230, 65.4010, 84.5421

Rectangle

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



66.6573, 65.4010, 103.7182



73.2121, 65.4010, 80.2734



57.8729, 65.4010, 46.3223



52.2832, 65.4010, 62.8569

Sweetspot

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



66.6591, 65.4036, 103.7186



85.1715, 87.9480, 107.0944



79.0352, 90.9896, 108.0049



18.0102, 18.5562, 22.8824



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.



66.6591, 65.4036, 103.7186



61.3668, 58.9715, 102.7560



73.8385, 69.1047, 104.0546



17.0729, 17.4138, 22.7113



9.5312, 3.8240, 49.6703



0.9515, 0.3844, 4.8373

Inverse Universe

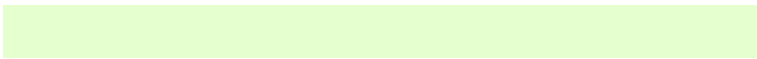
The Inverse Universe completely reimagines the original color for something new.



81.2840, 72.9799, 102.7329



78.7184, 67.9617, 101.5295



79.4648, 92.7495, 72.7487



18.7581, 18.2865, 22.6092



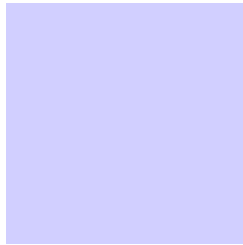
30.1262, 14.5398, 46.1767



2.9430, 1.4196, 4.5474

Previews

White Background



This preview shows how the XYZ color 66.6573, 65.4010, 103.7182 looks on a white background.

Color Contrast Check

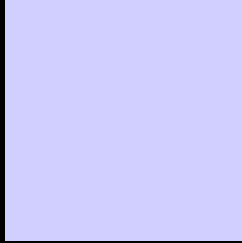
Large Text (above 18pt) WCAG AA × Fail

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 66.6573, 65.4010, 103.7182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

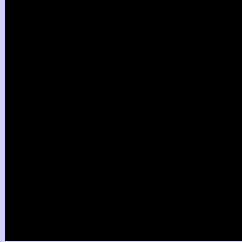
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.6573, 65.4010, 103.7182

Background



This preview shows how black text looks on a background with the XYZ color 66.6573, 65.4010, 103.7182.

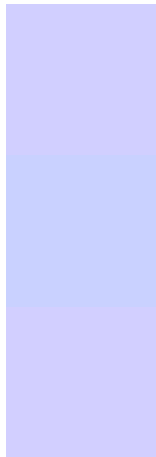


This preview shows how white text looks on a background with the XYZ color 66.6573, 65.4010,

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

66.6573, 65.4010, 103.7182

Protanopia

64.9379, 65.2384, 103.7774

Deuteranopia

66.9412, 65.5473, 103.7315



Tritanopia

62.4489, 65.5258, 82.7551

Trichromacy



Original Color

66.6573, 65.4010, 103.7182

Protanomaly

65.5077, 65.1691, 103.7340

Deuteranomaly

66.9412, 65.5473, 103.7315

Tritanomaly

63.9328, 65.3880, 90.1405

Monochromacy



Original Color

66.6573, 65.4010, 103.7182

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

64.4492, 66.1870, 82.7773

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.6573, 65.4010, 103.7182 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(209, 207, 255)` looks like.

```
.text, #text, p{  
    color:rgb(209, 207, 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(209, 207, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 207, 255) }
```

Border

The CSS property to change the border of an element to XYZ 66.6573, 65.4010, 103.7182 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(209, 207, 255) }
```


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

```
.border{ border-color:rgb(209, 207, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 207, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 207, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 207, 255);  
box-shadow:4px 4px 4px 4px rgb(209, 207,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 66.6573, 65.4010, 103.7182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 207, 255) }
```

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

```
.background{ background-color: rgb(209,  
207, 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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