

Converting Colors

XYZ(66.1667, 65.2212, 97.5165)

Have a look what the booklet for
XYZ(66.1667, 65.2212, 97.5165)
contains.

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Color

**XYZ(66.4075, 65.4000,
97.9303)**

Conversions

Conversions Part 1

Format	Color
Hex	D4CFF8
RGB	212, 207, 248
RGB Percent	83%, 81%, 97%
CMY	0.1686, 0.1882, 0.0274
CMYK	0.15, 0.17, 0.00, 0.03
HSL	247°, 75%, 89%
HSV	247°, 17%, 97%
XYZ	66.4075, 65.4000, 97.9303
YIQ	213.1690, -10.1810, 13.8110

Conversions

Conversions Part 2

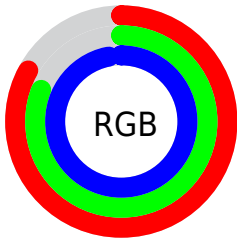
Format	Color
R _Y B	212, 207, 248
Decimal	13946872
CIE Lab	84.69, 9.67, -19.45
CIE LCh	85, 21.723, 296.424
Yxy	65.4000, 0.2891, 0.2847
Android (android.graphics.Color)	4292136952 (0xFFD4CFF8)
YUV	213.1690, 17.1717, -1.0252
Hunter-Lab	80.8703, 5.0543, -15.1884

Details

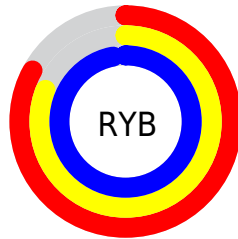
The XYZ color **66.4075, 65.4000, 97.9303** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.7942, 90.6961, 72.2296**, and the grayscale version is **63.2542, 66.5483, 72.4711**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.8103, 33.7563, 54.5501** is the 20% darker color. If you saturate the color by 10%, you get **55.0050, 51.2934, 95.8095**, and if you desaturate by 10%, it is **79.6044, 81.8359, 100.4082**.

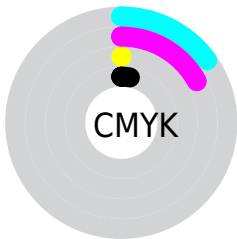
Distribution



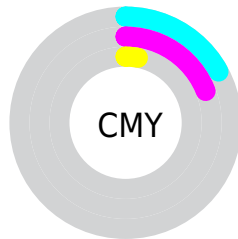
- Red (83%)
- Green (81%)
- Blue (97%)



- Red (83%)
- Yellow (81%)
- Blue (97%)



- Cyan (15%)
- Magenta (17%)
- Yellow (0%)
- Black (3%)



- Cyan (17%)
- Magenta (19%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.4075, 65.4000, 97.9303 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 66.4075, 65.4000, 97.9303 by changing the saturation by 10% instead.

■ 66.4075, 65.4000,
97.9303

■ 66.4075, 65.4000,
97.9303

437.2985,
444.2280, 574.7263

■ 48.8722, 47.7855,
73.9660

113.1255,
112.6247, 160.3370

■ 34.7322, 33.6571,
54.2696

143.0389,
143.0038, 199.6164

■ 23.6222, 22.6303,
38.4226

177.8091,
178.4064, 244.8380

■ 15.1768, 14.3207,
26.0064

217.8013,
219.2171, 296.4202

■ 9.0307, 8.3441,
16.6027

263.3811,
265.8202, 354.7816

■ 4.8185, 4.3159,
9.7926

314.9136,

■ 2.1748, 1.8518,

318.6001, 420.3407

5.1579

372.7643,
377.9413, 493.5161

■ 0.7294, 0.5191,
2.2798

■ 0.0000, 0.0000,
0.7199

■ 66.4075, 65.4000,
97.9303

■ 66.4075, 65.4000,
97.9303

■ 55.0050, 51.2934,
95.8095

■ 79.6044, 81.8359,
100.4082

■ 45.3132, 39.4026,
94.0251

■ 93.9435, 99.5574,
103.0731

■ 37.2508, 29.6171,
92.5613

■ 30.7276, 21.8134,
91.3988

■ 25.6442, 15.8551,
90.5167

■ 21.8895, 11.5886,
89.8910

■ 19.3359, 8.8348,
89.4941

■ 17.8284, 7.3722,
89.2913

■ 17.4857, 7.0569,
89.2485

Harmonies

Analogous

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



61.5804, 65.4000, 101.3588



66.4075, 65.4000, 97.9303



70.2659, 65.4000, 87.0395

Triad

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



66.4075, 65.4000, 97.9303



67.4669, 65.4000, 51.1797



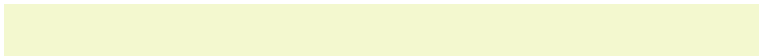
53.3028, 65.4000, 69.5551

Complementary

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



66.4075, 65.4000, 97.9303



81.7942, 90.6961, 72.2296

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.



54.7041, 65.4000, 57.4256



66.4075, 65.4000, 97.9303



62.7447, 65.4000, 47.7237

Square

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



66.4075, 65.4000, 97.9303



70.8995, 65.4000, 59.9641



58.0990, 65.4000, 49.8535



54.1713, 65.4000, 83.7796

Rectangle

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



66.4075, 65.4000, 97.9303



71.6822, 65.4000, 77.6703



58.0990, 65.4000, 49.8535



53.5221, 65.4000, 65.1173

Sweetspot

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



66.4095, 65.4027, 97.9318



87.1170, 90.0713, 107.4017



74.7929, 84.2754, 101.1327



18.4166, 18.9915, 22.9450



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.



66.4095, 65.4027, 97.9318



66.2831, 64.1393, 103.4944



72.6290, 68.6090, 98.2228



16.4796, 16.7443, 21.7487



9.5062, 3.8433, 48.2144



0.9411, 0.3872, 4.4683

Inverse Universe

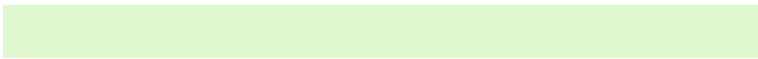
The Inverse Universe completely reimagines the original color for something new.



77.2040, 71.0559, 94.4428



79.8979, 71.2717, 98.9907



75.1761, 87.2843, 71.9198



17.8966, 17.4860, 21.3111



27.7670, 13.5225, 37.0769



2.5965, 1.2624, 3.5648

Previews

White Background



This preview shows how the XYZ color 66.4075, 65.4000, 97.9303 looks on a white background.

Color Contrast Check

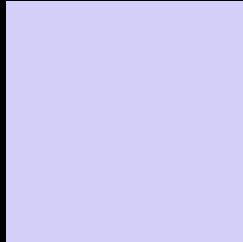
Large Text (above 18pt) WCAG AA × Fail

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 66.4075, 65.4000, 97.9303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

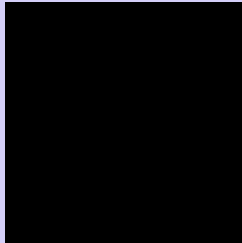
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.4075, 65.4000, 97.9303

Background



This preview shows how black text looks on a background with the XYZ color 66.4075, 65.4000, 97.9303.

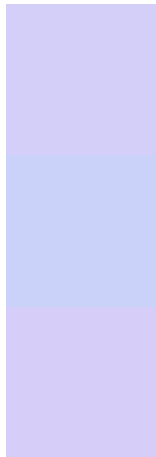


This preview shows how white text looks on a background with the XYZ color 66.4075, 65.4000,

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

66.4075, 65.4000, 97.9303

Protanopia

64.9305, 65.6918, 99.7001

Deuteranopia

66.7461, 65.2161, 97.8770



Tritanopia

63.1718, 65.5445, 81.9949

Trichromacy



Original Color

66.4075, 65.4000, 97.9303

Protanomaly

65.3529, 65.5623, 98.8328

Deuteranomaly

66.4552, 65.0661, 97.8634

Tritanomaly

64.3365, 65.6467, 87.8774

Monochromacy



Original Color

66.4075, 65.4000, 97.9303

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

64.4623, 66.2257, 81.3368

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.4075, 65.4000, 97.9303 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(212, 207, 248)` looks like.

```
.text, #text, p{  
    color:rgb(212, 207, 248)  
}
```

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(212, 207, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 207, 248) }
```

Border

The CSS property to change the border of an element to XYZ 66.4075, 65.4000, 97.9303 is called "border". The border property can be set on classes, ids or directly on the HTML element.

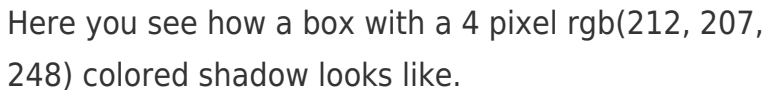
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(212, 207, 248) }
```


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

```
.border{ border-color:rgb(212, 207, 248) }
```

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



Here you see how a box with a 4 pixel `rgb(212, 207, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(212, 207, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(212, 207, 248); box-shadow:4px 4px 4px 4px rgb(212, 207, 248) }
```

Background

The CSS property to change the background color of an element to XYZ 66.4075, 65.4000, 97.9303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 207, 248) }
```

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

```
.background{ background-color: rgb(212,  
207, 248) }
```

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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