

Converting Colors

XYZ(66.5014, 64.9753, 86.8784)

Have a look what the booklet for
XYZ(66.5014, 64.9753, 86.8784)
contains.

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Color

**XYZ(66.5014, 64.9753,
86.8784)**

Conversions

Conversions Part 1

Format	Color
Hex	DDCDEA
RGB	221, 205, 234
RGB Percent	87%, 80%, 92%
CMY	0.1333, 0.1961, 0.0823
CMYK	0.06, 0.12, 0.00, 0.08
HSL	273°, 41%, 86%
HSV	273°, 12%, 92%
XYZ	66.5014, 64.9753, 86.8784
YIQ	213.0900, 0.2270, 12.4110

Conversions

Conversions Part 2

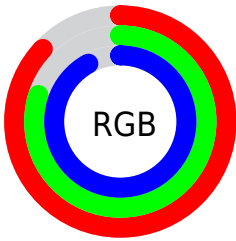
Format	Color
RYB	221, 205, 234
Decimal	14536170
CIELab	84.47, 10.82, -12.28
CIELCh	84, 16.362, 311.387
Yxy	64.9753, 0.3046, 0.2976
Android (android.graphics.Color)	4292726250 (0xFFDDCDEA)
YUV	213.0900, 10.3086, 6.9371
Hunter-Lab	80.6073, 6.2007, -7.4776

Details

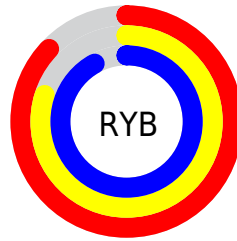
The XYZ color **66.5014, 64.9753, 86.8784** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **69.3581, 78.1605, 69.1917**, and the grayscale version is **63.2408, 66.5343, 72.4558**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.8284, 33.4546, 46.7412** is the 20% darker color. If you saturate the color by 10%, you get **58.2227, 53.0117, 85.0065**, and if you desaturate by 10%, it is **75.8207, 78.7216, 89.0415**.

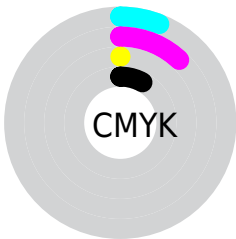
Distribution



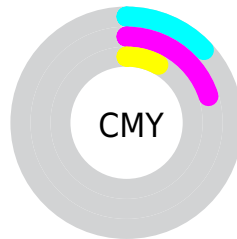
- Red (87%)
- Green (80%)
- Blue (92%)



- Red (87%)
- Yellow (80%)
- Blue (92%)



- Cyan (6%)
- Magenta (12%)
- Yellow (0%)
- Black (8%)



- Cyan (13%)
- Magenta (20%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.5014, 64.9753, 86.8784 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 66.5014, 64.9753, 86.8784 by changing the saturation by 10% instead.

66.5014, 64.9753,
86.8784

66.5014, 64.9753,
86.8784

437.6284,
442.7032, 538.1290

48.9487, 47.4411,
64.8355

113.2594,
112.0143, 144.8920

34.7932, 33.3845,
46.8772

143.1955,
142.2879, 181.6998

23.6694, 22.4211,
32.5850

177.9901,
177.5768, 224.2664

15.2120, 14.1667,
21.5402

218.0086,
218.2652, 273.0102

9.0556, 8.2367,
13.3243

263.6163,
264.7377, 328.3498

4.8348, 4.2468,
7.5189

315.1786,

2.1844, 1.8125,

317.3786, 390.7038

3.7054

373.0608,
376.5723, 460.4907

■ 0.7345, 0.4950,
1.4651

■ 0.0000, 0.0000,
0.1918

■ 66.5014, 64.9753,
86.8784

■ 66.5014, 64.9753,
86.8784

■ 58.2227, 53.0117,
85.0065

■ 75.8207, 78.7216,
89.0415

■ 50.9382, 42.7464,
83.4091

■ 86.2129, 94.3134,
91.5033

■ 44.6061, 34.1008,
82.0740

■ 90.9282, 98.2446,
92.0136

■ 39.1796, 26.9863,
80.9868

■ 91.8515, 98.7206,
92.0568

■ 34.6070, 21.3059,
80.1314

■ 30.8310, 16.9509,
79.4898

■ 27.7861, 13.7962,
79.0414

■ 25.3937, 11.6917,
78.7612

■ 23.9191, 10.6151,
78.6312

Harmonies

Analogous

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



63.1493, 64.9753, 92.2750



66.5014, 64.9753, 86.8784



68.6310, 64.9753, 77.3404

Triad

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



66.5014, 64.9753, 86.8784



64.0183, 64.9753, 53.3988



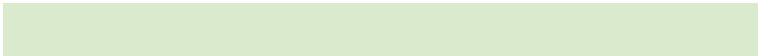
55.1461, 64.9753, 74.7791

Complementary

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



66.5014, 64.9753, 86.8784



69.3581, 78.1605, 69.1917

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.



55.3582, 64.9753, 64.5395



66.5014, 64.9753, 86.8784



60.3854, 64.9753, 52.8584

Square

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



66.5014, 64.9753, 86.8784



67.1590, 64.9753, 58.3039



57.2439, 64.9753, 56.7474



56.6529, 64.9753, 84.8455

Rectangle

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



66.5014, 64.9753, 86.8784



69.0224, 64.9753, 70.2631



57.2439, 64.9753, 56.7474



55.0204, 64.9753, 71.2333

Sweetspot

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



66.5033, 64.9781, 86.8798



90.2195, 92.8069, 107.7662



65.1149, 69.0909, 87.7469



19.1213, 19.5836, 23.0222



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.



66.5033, 64.9781, 86.8798



78.0086, 74.8684, 104.9473



70.4086, 67.0153, 85.9796



15.0257, 14.9585, 19.0176



13.5881, 6.0409, 44.1928



1.1775, 0.5313, 3.4754

Inverse Universe

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



68.4201, 66.2199, 75.5084



80.8251, 76.6916, 88.3082



65.7973, 76.3046, 69.9430



15.3461, 15.1663, 17.1081



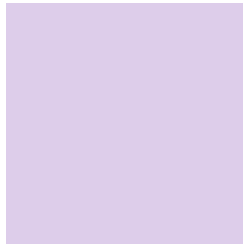
20.5593, 10.4264, 8.7465



1.6622, 0.8379, 0.9387

Previews

White Background



This preview shows how the XYZ color 66.5014, 64.9753, 86.8784 looks on a white background.

Color Contrast Check

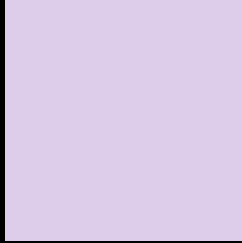
Large Text (above 18pt) WCAG AA × Fail

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 66.5014, 64.9753, 86.8784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

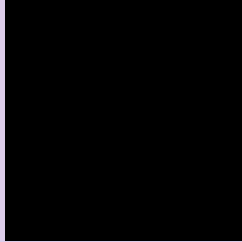
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.5014, 64.9753, 86.8784

Background



This preview shows how black text looks on a background with the XYZ color 66.5014, 64.9753, 86.8784.



This preview shows how white text looks on a background with the XYZ color 66.5014, 64.9753,

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

66.5014, 64.9753, 86.8784

Protanopia

63.8187, 64.9808, 89.2997

Deuteranopia

66.5014, 64.9753, 86.8784



Tritanopia

64.8455, 65.0134, 78.9432

Trichromacy



Original Color

66.5014, 64.9753, 86.8784

Protanomaly

64.8476, 65.1649, 88.5171

Deuteranomaly

66.5014, 64.9753, 86.8784

Tritanomaly

65.4516, 64.9043, 81.7512

Monochromacy



Original Color

66.5014, 64.9753, 86.8784

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

64.4166, 65.9126, 77.7339

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.5014, 64.9753, 86.8784 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, 205, 234)` looks like.

```
.text, #text, p{  
    color:rgb(221, 205, 234)  
}
```

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, 205, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 205, 234) }
```

Border

The CSS property to change the border of an element to XYZ 66.5014, 64.9753, 86.8784 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, 205, 234) }
```


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

```
.border{ border-color:rgb(221, 205, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 205, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 205, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 205, 234);  
box-shadow:4px 4px 4px 4px rgb(221, 205,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 66.5014, 64.9753, 86.8784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 205, 234) }
```

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

```
.background{ background-color: rgb(221,  
205, 234) }
```

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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