

Converting Colors

XYZ(66.6484, 64.3404, 86.7452)

Have a look what the booklet for
XYZ(66.6484, 64.3404, 86.7452)
contains.

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Color

**XYZ(66.6386, 64.3404,
86.7486)**

Conversions

Conversions Part 1

Format	Color
Hex	DFCBEA
RGB	223, 203, 234
RGB Percent	87%, 80%, 92%
CMY	0.1255, 0.2039, 0.0823
CMYK	0.05, 0.13, 0.00, 0.08
HSL	279°, 42%, 86%
HSV	279°, 13%, 92%
XYZ	66.6386, 64.3404, 86.7486
YIQ	212.5140, 1.9690, 13.8810

Conversions

Conversions Part 2

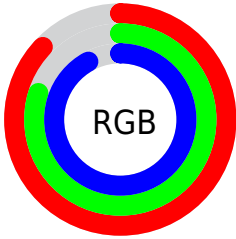
Format	Color
R _{YB}	223, 203, 234
Decimal	14666730
CIE Lab	84.14, 12.54, -12.75
CIE LCh	84, 17.881, 314.520
Yxy	64.3404, 0.3061, 0.2955
Android (android.graphics.Color)	4292856810 (0xFFDFCBEA)
YUV	212.5140, 10.5926, 9.1962
Hunter-Lab	80.2125, 7.9217, -7.9725

Details

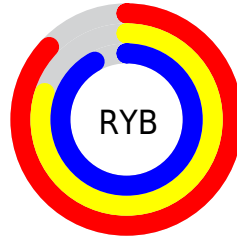
The XYZ color **66.6386, 64.3404, 86.7486** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **67.9363, 77.4553, 67.8729**, and the grayscale version is **62.8538, 66.1270, 72.0124**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.9318, 33.0341, 46.6546** is the 20% darker color. If you saturate the color by 10%, you get **59.0286, 52.8252, 84.9280**, and if you desaturate by 10%, it is **75.2119, 77.5939, 88.8559**.

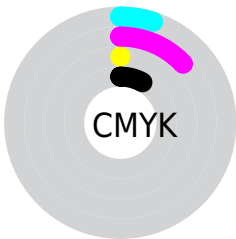
Distribution



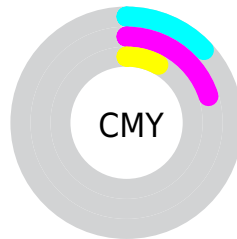
- Red (87%)
- Green (80%)
- Blue (92%)



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



- Cyan (5%)
- Magenta (13%)
- Yellow (0%)
- Black (8%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.6386, 64.3404, 86.7486 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 66.6386, 64.3404, 86.7486 by changing the saturation by 10% instead.

66.6386, 64.3404,
86.7486

66.6386, 64.3404,
86.7486

438.1100,
440.4179, 537.6912

49.0606, 46.9264,
64.7287

113.4551,
111.1010, 144.7095

34.8823, 32.9775,
46.7912

143.4242,
141.2165, 181.4875

23.7383, 22.1092,
32.5175

178.2545,
176.3345, 224.0221

15.2633, 13.9372,
21.4890

218.3113,
216.8396, 272.7317

9.0919, 8.0770,
13.2872

263.9598,
263.1161, 328.0349

4.8588, 4.1442,
7.4935

315.5656,

2.1985, 1.7546,

315.5483, 390.3501

3.6895

373.4939,
374.5208, 460.0960

■ 0.7420, 0.4586,
1.4566

■ 0.0000, 0.0000,
0.1853

■ 66.6386, 64.3404,
86.7486

■ 66.6386, 64.3404,
86.7486

■ 59.0286, 52.8252,
84.9280

■ 75.2119, 77.5939,
88.8559

■ 52.3372, 42.9645,
83.3774

■ 84.7795, 92.6480,
91.2574

■ 46.5244, 34.6801,
82.0847

■ 89.2924, 97.4013,
91.9370

■ 41.5448, 27.8839,
81.0353

■ 91.8515, 98.7206,
92.0568

■ 37.3485, 22.4788,
80.2132

■ 33.8797, 18.3563,
79.6003

■ 31.0742, 15.3907,
79.1758

■ 28.8543, 13.4301,
78.9143

■ 27.6064, 12.5160,
78.8037

Harmonies

Analogous

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



63.0789, 64.3404, 93.3088



66.6386, 64.3404, 86.7486



68.7740, 64.3404, 76.0269

Triad

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



66.6386, 64.3404, 86.7486



63.2045, 64.3404, 51.1038



54.0876, 64.3404, 75.6557

Complementary

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



66.6386, 64.3404, 86.7486



67.9363, 77.4553, 67.8729

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.



54.1180, 64.3404, 64.4057



66.6386, 64.3404, 86.7486



59.2679, 64.3404, 51.0274

Square

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



66.6386, 64.3404, 86.7486



66.7339, 64.3404, 55.8761



55.9782, 64.3404, 55.6547



55.8934, 64.3404, 86.4518

Rectangle

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



66.6386, 64.3404, 86.7486



69.0470, 64.3404, 68.3544



55.9782, 64.3404, 55.6547



53.8860, 64.3404, 71.7852

Sweetspot

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



66.6405, 64.3431, 86.7500



90.5627, 92.9838, 107.7822



63.6219, 66.9187, 87.4062



19.2082, 19.6284, 23.0262



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.



66.6405, 64.3431, 86.7500



78.2595, 74.0310, 104.7724



69.5537, 65.9128, 83.8227



15.1661, 15.0309, 19.0242



15.6548, 7.1063, 44.2895



1.3332, 0.6116, 3.4827

Inverse Universe

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



67.4275, 65.0623, 72.6262



79.4353, 75.0937, 84.2018



65.3326, 76.0554, 70.3568



15.2863, 15.1424, 16.7928



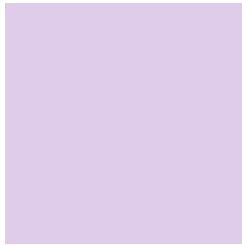
20.0004, 10.2028, 5.8032



1.6149, 0.8189, 0.6892

Previews

White Background



This preview shows how the XYZ color 66.6386, 64.3404, 86.7486 looks on a white background.

Color Contrast Check

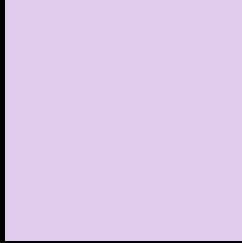
Large Text (above 18pt) WCAG AA × Fail

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 66.6386, 64.3404, 86.7486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

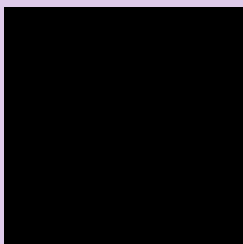
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.6386, 64.3404, 86.7486

Background



This preview shows how black text looks on a background with the XYZ color 66.6386, 64.3404, 86.7486.



This preview shows how white text looks on a background with the XYZ color 66.6386, 64.3404,

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

66.6386, 64.3404, 86.7486

Protanopia

63.0188, 64.2053, 89.1922

Deuteranopia

65.6576, 64.1863, 86.7706



Tritanopia

64.7013, 64.2553, 77.3990

Trichromacy



Original Color

66.6386, 64.3404, 86.7486

Protanomaly

64.3630, 64.1958, 88.3556

Deuteranomaly

65.9593, 64.3419, 86.7847

Tritanomaly

65.4445, 64.2063, 80.8953

Monochromacy



Original Color

66.6386, 64.3404, 86.7486

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

64.4669, 65.5731, 77.6657

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.6386, 64.3404, 86.7486 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(223, 203, 234)` looks like.

```
.text, #text, p{  
    color:rgb(223, 203, 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(223, 203, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 203, 234) }
```

Border

The CSS property to change the border of an element to XYZ 66.6386, 64.3404, 86.7486 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(223, 203, 234) }
```


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

```
.border{ border-color:rgb(223, 203, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 203, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 203, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 203, 234);  
box-shadow:4px 4px 4px 4px rgb(223, 203,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 66.6386, 64.3404, 86.7486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 203, 234) }
```

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

```
.background{ background-color: rgb(223,  
203, 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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