

Converting Colors

XYZ(66.2532, 66.7466, 83.2146)

Have a look what the booklet for
XYZ(66.2532, 66.7466, 83.2146)
contains.

XYZ(66.4029, 66.8104, 83.5246)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(66.4029, 66.8104,
83.5246)**

Conversions

Conversions Part 1

Format	Color
Hex	DBD2E5
RGB	219, 210, 229
RGB Percent	86%, 82%, 90%
CMY	0.1412, 0.1765, 0.1020
CMYK	0.04, 0.08, 0.00, 0.10
HSL	268°, 27%, 86%
HSV	268°, 8%, 90%
XYZ	66.4029, 66.8104, 83.5246
YIQ	214.8570, -0.7350, 7.8170

Conversions

Conversions Part 2

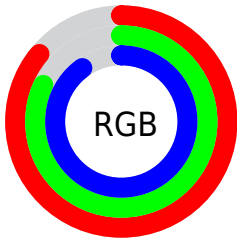
Format	Color
R _Y B	219, 210, 229
Decimal	14406373
CIE Lab	85.41, 6.56, -8.24
CIE LCh	85, 10.533, 308.514
Yxy	66.8104, 0.3064, 0.3083
Android (android.graphics.Color)	4292596453 (0xFFDBD2E5)
YUV	214.8570, 6.9725, 3.6334
Hunter-Lab	81.7376, 1.9709, -3.3699

Details

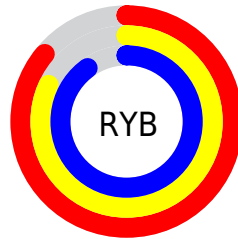
The XYZ color **66.4029, 66.8104, 83.5246** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.1697, 75.9091, 71.9824**, and the grayscale version is **64.4509, 67.8074, 73.8423**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.8383, 34.7254, 44.9109** is the 20% darker color. If you saturate the color by 10%, you get **57.6531, 54.5002, 81.6107**, and if you desaturate by 10%, it is **76.2283, 80.8797, 85.7234**.

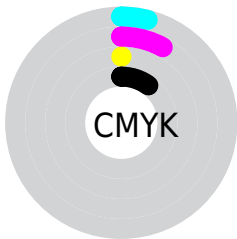
Distribution



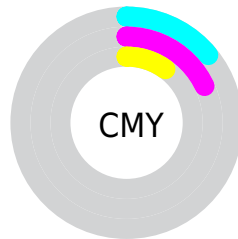
- Red (86%)
- Green (82%)
- Blue (90%)



- Red (86%)
- Yellow (82%)
- Blue (90%)



- Cyan (4%)
- Magenta (8%)
- Yellow (0%)
- Black (10%)



- Cyan (14%)
- Magenta (18%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.4029, 66.8104, 83.5246 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 66.4029, 66.8104, 83.5246 by changing the saturation by 10% instead.

■ 66.4029, 66.8104,
83.5246

■ 66.4029, 66.8104,
83.5246

437.2824,
449.2696, 526.7499

■ 48.8685, 48.9306,
62.0799

113.1189,
114.6487, 140.1658

■ 34.7292, 34.5644,
44.6611

143.0312,
145.3759, 176.1993

■ 23.6199, 23.3275,
30.8495

177.8002,
181.1544, 217.9329

■ 15.1751, 14.8355,
20.2268

217.7912,
222.3686, 265.7850

■ 9.0295, 8.7040,
12.3743

263.3695,
269.4028, 320.1742

■ 4.8177, 4.5486,
6.8735

314.9006,

■ 2.1743, 1.9850,

322.6414, 381.5191

3.3059

372.7498,
382.4689, 450.2382

■ 0.7292, 0.5987,
1.2529

■ 0.0000, 0.0000,
0.0227

■ 66.4029, 66.8104,
83.5246

■ 66.4029, 66.8104,
83.5246

■ 57.6531, 54.5002,
81.6107

■ 76.2283, 80.8797,
85.7234

■ 49.9332, 43.8693,
79.9656

■ 86.9034, 96.2516,
88.1278

■ 43.2030, 34.8444,
78.5783

■ 91.1430, 98.4372,
88.3263

■ 37.4168, 27.3433,
77.4354

■ 32.5253, 21.2761,
76.5222

■ 28.4741, 16.5435,
75.8222

■ 25.2018, 13.0327,
75.3170

■ 22.6370, 10.6112,
74.9848

■ 20.6797, 9.0899,
74.7943

Harmonies

Analogous

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



64.1833, 66.8104, 86.5372



66.4029, 66.8104, 83.5246



67.8693, 66.8104, 77.6677

Triad

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



66.4029, 66.8104, 83.5246



65.1976, 66.8104, 61.1849



59.0687, 66.8104, 74.7089

Complementary

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



66.4029, 66.8104, 83.5246



69.1697, 75.9091, 71.9824

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.



59.3248, 66.8104, 68.0352



66.4029, 66.8104, 83.5246



62.8241, 66.8104, 60.5024

Square

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



66.4029, 66.8104, 83.5246



67.1613, 66.8104, 64.8619



60.6854, 66.8104, 62.9355



59.9767, 66.8104, 81.2427

Rectangle

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



66.4029, 66.8104, 83.5246



68.2017, 66.8104, 73.0867



60.6854, 66.8104, 62.9355



59.0220, 66.8104, 72.4047

Sweetspot

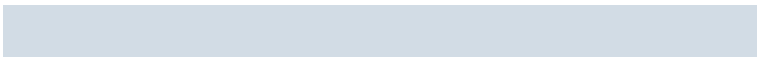
The Sweet Spot groups the original color and five complimentary colors.



66.4049, 66.8133, 83.5261



92.4637, 96.2835, 108.3189



66.3518, 70.6176, 84.2632



19.8182, 20.6476, 23.1908



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.



66.4049, 66.8133, 83.5261



82.6808, 82.3382, 106.1429



69.3027, 68.3072, 83.6617



14.2288, 14.2202, 18.1392



11.7908, 5.1443, 42.7547



0.9779, 0.4351, 3.1644

Inverse Universe

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



68.2802, 67.9215, 77.2247



85.5639, 84.0421, 96.4451



66.4136, 74.4883, 71.8534



14.6924, 14.4941, 16.5804



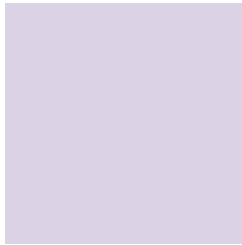
20.4937, 10.3317, 11.4946



1.5613, 0.7822, 1.0963

Previews

White Background



This preview shows how the XYZ color 66.4029, 66.8104, 83.5246 looks on a white background.

Color Contrast Check

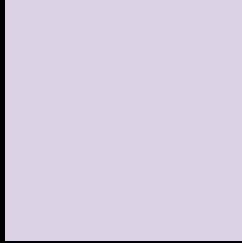
Large Text (above 18pt) WCAG AA × Fail

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 66.4029, 66.8104, 83.5246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

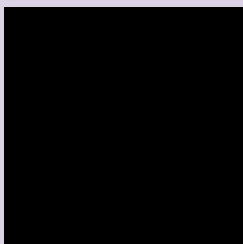
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.4029, 66.8104, 83.5246

Background



This preview shows how black text looks on a background with the XYZ color 66.4029, 66.8104, 83.5246.



This preview shows how white text looks on a background with the XYZ color 66.4029, 66.8104,

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

66.4029, 66.8104, 83.5246

Protanopia

64.9778, 66.7972, 84.3314

Deuteranopia

68.2743, 66.6697, 84.1330



Tritanopia

66.1251, 66.6993, 82.0621

Trichromacy



Original Color

66.4029, 66.8104, 83.5246

Protanomaly

65.6015, 66.7488, 84.2891

Deuteranomaly

67.5793, 66.6722, 84.1701

Tritanomaly

66.2636, 66.7547, 82.7913

Monochromacy



Original Color

66.4029, 66.8104, 83.5246

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

65.0314, 67.3547, 77.2834

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.4029, 66.8104, 83.5246 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(219, 210, 229) looks like.

```
.text, #text, p{  
    color:rgb(219, 210, 229)  
}
```

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(219, 210, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 210, 229) }
```

Border

The CSS property to change the border of an element to XYZ 66.4029, 66.8104, 83.5246 is called "border". The border property can be set on classes, ids or directly on the HTML element.

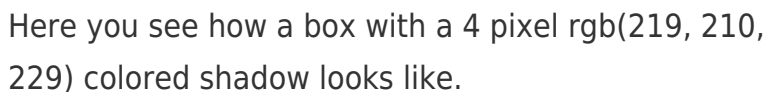
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(219, 210, 229) }
```


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

```
.border{ border-color:rgb(219, 210, 229) }
```

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



Here you see how a box with a 4 pixel `rgb(219, 210, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 210, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 210, 229); box-shadow:4px 4px 4px 4px rgb(219, 210, 229) }
```

Background

The CSS property to change the background color of an element to XYZ 66.4029, 66.8104, 83.5246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 210, 229) }
```

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

```
.background{ background-color: rgb(219,  
210, 229) }
```

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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