

Converting Colors

XYZ(66.4459, 65.9468, 83.3477)

Have a look what the booklet for
XYZ(66.4459, 65.9468, 83.3477)
contains.

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Color

**XYZ(66.5175, 66.1410,
83.3894)**

Conversions

Conversions Part 1

Format	Color
Hex	DDD0E5
RGB	221, 208, 229
RGB Percent	87%, 82%, 90%
CMY	0.1333, 0.1843, 0.1020
CMYK	0.03, 0.09, 0.00, 0.10
HSL	277°, 29%, 86%
HSV	277°, 9%, 90%
XYZ	66.5175, 66.1410, 83.3894
YIQ	214.2810, 1.0070, 9.2870

Conversions

Conversions Part 2

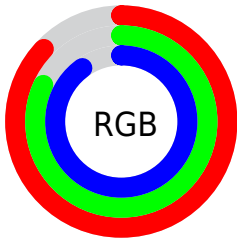
Format	Color
R _Y B	221, 208, 229
Decimal	14536933
CIE Lab	85.07, 8.28, -8.73
CIE LCh	85, 12.030, 313.484
Yxy	66.1410, 0.3079, 0.3061
Android (android.graphics.Color)	4292727013 (0xFFDDD0E5)
YUV	214.2810, 7.2565, 5.8926
Hunter-Lab	81.3271, 3.6728, -3.8645

Details

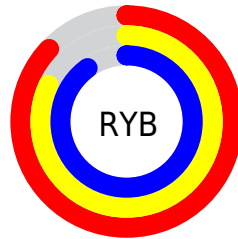
The XYZ color **66.5175, 66.1410, 83.3894** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.7258, 75.1934, 70.6220**, and the grayscale version is **64.0595, 67.3956, 73.3938**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.9215, 34.2742, 44.8194** is the 20% darker color. If you saturate the color by 10%, you get **58.7451, 54.4372, 81.5410**, and if you desaturate by 10%, it is **75.2379, 79.5338, 85.5159**.

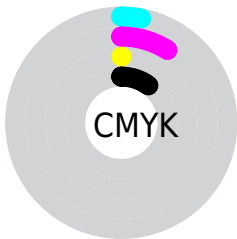
Distribution



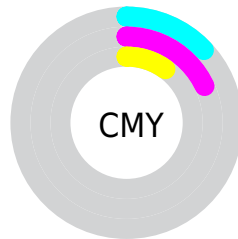
- Red (87%)
- Green (82%)
- Blue (90%)



- Red (87%)
- Yellow (82%)
- Blue (90%)



- Cyan (3%)
- Magenta (9%)
- Yellow (0%)
- Black (10%)



- Cyan (13%)
- Magenta (18%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.5175, 66.1410, 83.3894 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 66.5175, 66.1410, 83.3894 by changing the saturation by 10% instead.

66.5175, 66.1410,
83.3894

66.5175, 66.1410,
83.3894

437.6849,
446.8810, 526.2883

48.9619, 48.3869,
61.9690

113.2824,
113.6887, 139.9748

34.8036, 34.1334,
44.5720

143.2223,
144.2510, 175.9769

23.6775, 22.9961,
30.7799

178.0211,
179.8516, 217.6766

15.2180, 14.5906,
20.1743

218.0441,
220.8747, 265.4924

9.0598, 8.5326,
12.3365

263.6566,
267.7048, 319.8430

4.8376, 4.4376,
6.8479

315.2240,

2.1861, 1.9212,

320.7263, 381.1468

3.2902

373.1116,
380.3235, 449.8224

■ 0.7354, 0.5611,
1.2446

■ 0.0000, 0.0000,
0.0158

■ 66.5175, 66.1410,
83.3894

■ 66.5175, 66.1410,
83.3894

■ 58.7451, 54.4372,
81.5410

■ 75.2379, 79.5338,
85.5159

■ 51.8785, 44.3441,
79.9547

■ 84.9349, 94.6728,
87.9269

■ 45.8806, 35.7898,
78.6197

■ 88.3233, 96.9836,
88.1943

■ 40.7095, 28.6932,
77.5225

■ 91.1431, 98.4372,
88.3263

■ 36.3191, 22.9661,
76.6484

■ 32.6586, 18.5100,
75.9812

■ 29.6703, 15.2129,
75.5024

■ 27.2863, 12.9427,
75.1898

■ 25.4008, 11.4915,
75.0091

Harmonies

Analogous

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



64.0873, 66.1410, 87.5160



66.5175, 66.1410, 83.3894



67.9915, 66.1410, 76.3401

Triad

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



66.5175, 66.1410, 83.3894



64.3572, 66.1410, 58.6420



57.9354, 66.1410, 75.5506

Complementary

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



66.5175, 66.1410, 83.3894



67.7258, 75.1934, 70.6220

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.



58.0029, 66.1410, 67.8589



66.5175, 66.1410, 83.3894



61.6584, 66.1410, 58.4641

Square

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



66.5175, 66.1410, 83.3894



66.7200, 66.1410, 62.2321



59.3488, 66.1410, 61.7274



59.1615, 66.1410, 82.7758

Rectangle

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



66.5175, 66.1410, 83.3894



68.2080, 66.1410, 71.1136



59.3488, 66.1410, 61.7274



57.8086, 66.1410, 72.9266

Sweetspot

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



66.5194, 66.1438, 83.3908



91.5937, 94.6672, 108.0528



64.7265, 68.2071, 83.8836



19.4112, 19.9649, 23.0805



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.



66.5194, 66.1438, 83.3908



82.9223, 81.4199, 105.9529



68.6740, 67.2938, 81.7186



14.4353, 14.3266, 18.1488



14.5778, 6.5810, 42.8851



1.1799, 0.5392, 3.1739

Inverse Universe

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



67.2659, 66.7306, 74.3040



84.0748, 82.3226, 92.0684



65.7231, 74.1259, 72.1139



14.6031, 14.4584, 16.1102



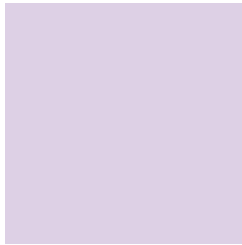
19.5187, 9.9417, 6.3606



1.4865, 0.7523, 0.7024

Previews

White Background



This preview shows how the XYZ color 66.5175, 66.1410, 83.3894 looks on a white background.

Color Contrast Check

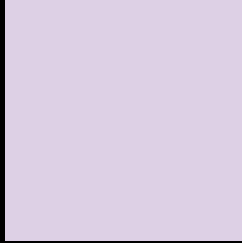
Large Text (above 18pt) WCAG AA × Fail

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 66.5175, 66.1410, 83.3894 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

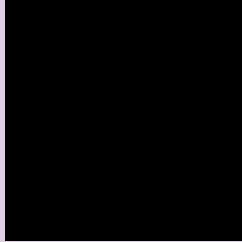
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.5175, 66.1410, 83.3894

Background



This preview shows how black text looks on a background with the XYZ color 66.5175, 66.1410, 83.3894.



This preview shows how white text looks on a background with the XYZ color 66.5175, 66.1410,

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

66.5175, 66.1410, 83.3894

Protanopia

64.5820, 66.2069, 84.9767

Deuteranopia

67.2655, 65.8073, 83.2855



Tritanopia

65.9063, 66.2528, 80.5486

Trichromacy



Original Color

66.5175, 66.1410, 83.3894

Protanomaly

65.3539, 66.2534, 84.2066

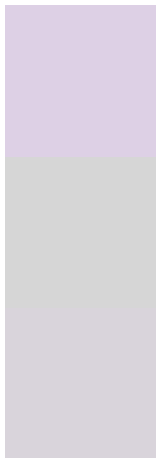
Deuteranomaly

67.1962, 66.1301, 83.3515

Tritanomaly

66.0431, 66.3076, 81.2693

Monochromacy



Original Color

66.5175, 66.1410, 83.3894

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

64.9449, 66.9532, 76.5181

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.5175, 66.1410, 83.3894 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, 208, 229)` looks like.

```
.text, #text, p{  
    color:rgb(221, 208, 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(221, 208, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 208, 229) }
```

Border

The CSS property to change the border of an element to XYZ 66.5175, 66.1410, 83.3894 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, 208, 229) }
```


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

```
.border{ border-color:rgb(221, 208, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 208, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 208, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 208, 229);  
box-shadow:4px 4px 4px 4px rgb(221, 208,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 66.5175, 66.1410, 83.3894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 208, 229) }
```

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

```
.background{ background-color: rgb(221,  
208, 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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