

Converting Colors

XYZ(66.5026, 66.4435, 81.5041)

Have a look what the booklet for
XYZ(66.5026, 66.4435, 81.5041)
contains.

XYZ(66.6521, 66.6215, 81.2978)	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(66.6521, 66.6215,
81.2978)**

Conversions

Conversions Part 1

Format	Color
Hex	DED1E2
RGB	222, 209, 226
RGB Percent	87%, 82%, 89%
CMY	0.1294, 0.1804, 0.1137
CMYK	0.02, 0.08, 0.00, 0.11
HSL	286°, 23%, 85%
HSV	286°, 8%, 89%
XYZ	66.6521, 66.6215, 81.2978
YIQ	214.8250, 2.2910, 8.0430

Conversions

Conversions Part 2

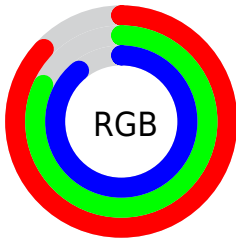
Format	Color
R _Y B	222, 209, 226
Decimal	14602722
CIE Lab	85.31, 7.53, -6.76
CIE LCh	85, 10.119, 318.047
Yxy	66.6215, 0.3106, 0.3105
Android (android.graphics.Color)	4292792802 (0xFFDED1E2)
YUV	214.8250, 5.5093, 6.2925
Hunter-Lab	81.6220, 2.9237, -1.9191

Details

The XYZ color **66.6521, 66.6215, 81.2978** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.1481, 73.1441, 70.9568**, and the grayscale version is **64.4374, 67.7932, 73.8268**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.0084, 34.5985, 43.3611** is the 20% darker color. If you saturate the color by 10%, you get **59.8930, 55.4829, 79.5051**, and if you desaturate by 10%, it is **74.2530, 79.3654, 83.3580**.

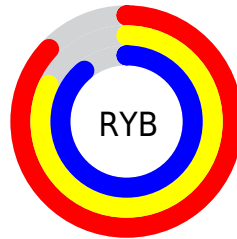
Distribution



Red (87%)

Green (82%)

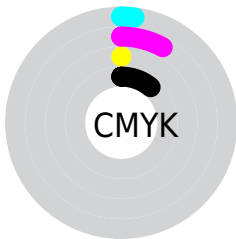
Blue (89%)



Red (87%)

Yellow (82%)

Blue (89%)

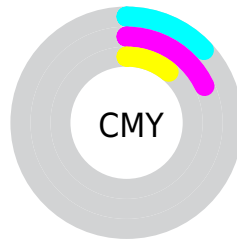


Cyan (2%)

Magenta (8%)

Yellow (0%)

Black (11%)



Cyan (13%)

Magenta (18%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.6521, 66.6215, 81.2978 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 66.6521, 66.6215, 81.2978 by changing the saturation by 10% instead.

66.6521, 66.6215,
81.2978

66.6521, 66.6215,
81.2978

438.1574,
448.5963, 519.1175

49.0716, 48.7771,
60.2545

113.4743,
114.3779, 137.0167

34.8911, 34.4427,
43.1971

143.4468,
145.0587, 172.5293

23.7451, 23.2339,
29.7073

178.2805,
180.7870, 213.7021

15.2683, 14.7663,
19.3663

218.3411,
221.9474, 260.9536

9.0955, 8.6555,
11.7558

263.9936,
268.9241, 314.7023

4.8611, 4.5172,
6.4571

315.6037,

2.1999, 1.9669,

322.1015, 375.3668

3.0517

373.5364,
381.8641, 443.3657

■ 0.7427, 0.5881,
1.1211

■ 0.0000, 0.0000,
0.0000

■ 66.6521, 66.6215,
81.2978

■ 66.6521, 66.6215,
81.2978

■ 59.8930, 55.4829,
79.5051

■ 74.2530, 79.3654,
83.3580

■ 53.9366, 45.8749,
77.9645

■ 82.7213, 93.7681,
85.6917

■ 48.7489, 37.7295,
76.6657

■ 84.7334, 95.1809,
85.8583

■ 44.2914, 30.9704,
75.5960

■ 86.5454, 96.1150,
85.9431

■ 40.5220, 25.5141,
74.7415

■ 88.4105, 97.0765,
86.0304

■ 37.3942, 21.2680,
74.0868

■ 90.3293, 98.0657,
86.1202

■ 34.8550, 18.1273,
73.6144

■ 90.7277, 98.2711,
86.1389

■ 32.8426, 15.9688,
73.3038

■ 31.2735, 14.6266,
73.1274

Harmonies

Analogous

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



64.6952, 66.6215, 85.1981



66.6521, 66.6215, 81.2978



67.7265, 66.6215, 75.1818

Triad

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



66.6521, 66.6215, 81.2978



64.2378, 66.6215, 60.8920



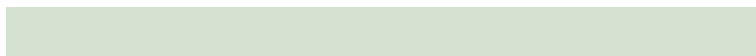
59.2280, 66.6215, 76.5155

Complementary

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



66.6521, 66.6215, 81.2978



66.1481, 73.1441, 70.9568

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.



59.1122, 66.6215, 69.9598



66.6521, 66.6215, 81.2978



61.9678, 66.6215, 61.2012

Square

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



66.6521, 66.6215, 81.2978



66.3103, 66.6215, 63.5622



60.1042, 66.6215, 64.4339



60.4244, 66.6215, 82.3246

Rectangle

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



66.6521, 66.6215, 81.2978



67.7810, 66.6215, 70.7890



60.1042, 66.6215, 64.4339



59.0625, 66.6215, 74.3186

Sweetspot

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



66.6540, 66.6244, 81.2993



93.0043, 96.5621, 108.3442



63.8819, 66.7636, 81.4722



19.9282, 20.7043, 23.1959



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.



66.6540, 66.6244, 81.2993



86.2014, 85.2113, 106.5119



67.3178, 67.0331, 78.3240



13.9632, 13.7646, 17.3086



17.7495, 8.2455, 41.7044



1.3075, 0.6113, 2.8943

Inverse Universe

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



66.1771, 66.5768, 72.3169



85.4628, 85.1422, 92.3965



65.5352, 72.7666, 73.7114



13.8388, 13.7531, 14.9211



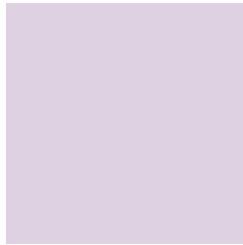
18.3006, 9.3872, 2.9828



1.3030, 0.6645, 0.3885

Previews

White Background



This preview shows how the XYZ color 66.6521, 66.6215, 81.2978 looks on a white background.

Color Contrast Check

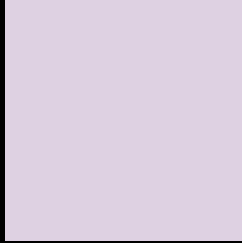
Large Text (above 18pt) WCAG AA × Fail

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 66.6521, 66.6215, 81.2978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

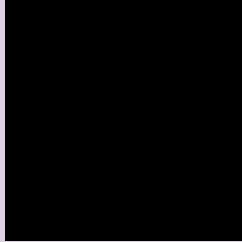
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.6521, 66.6215, 81.2978

Background



This preview shows how black text looks on a background with the XYZ color 66.6521, 66.6215, 81.2978.

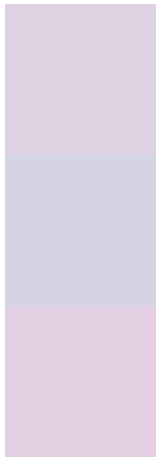


This preview shows how white text looks on a background with the XYZ color 66.6521, 66.6215,

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

66.6521, 66.6215, 81.2978

Protanopia

64.9876, 66.8345, 82.8739

Deuteranopia

68.0352, 66.6106, 81.2228



Tritanopia

66.6521, 66.6215, 81.2978

Trichromacy



Original Color

66.6521, 66.6215, 81.2978

Protanomaly

65.4783, 66.7335, 82.1028

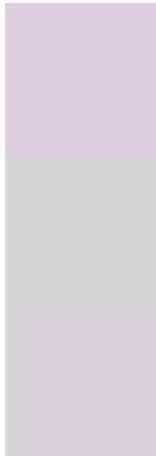
Deuteranomaly

67.6474, 66.7715, 81.2743

Tritanomaly

66.6521, 66.6215, 81.2978

Monochromacy



Original Color

66.6521, 66.6215, 81.2978

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

65.4939, 67.6084, 76.6157

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.6521, 66.6215, 81.2978 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(222, 209, 226)` looks like.

```
.text, #text, p{  
    color:rgb(222, 209, 226)  
}
```

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(222, 209, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 209, 226) }
```

Border

The CSS property to change the border of an element to XYZ 66.6521, 66.6215, 81.2978 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(222, 209, 226) }
```


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

```
.border{ border-color:rgb(222, 209, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 209, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 209, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 209, 226);  
box-shadow:4px 4px 4px 4px rgb(222, 209,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 66.6521, 66.6215, 81.2978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 209, 226) }
```

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

```
.background{ background-color: rgb(222,  
209, 226) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor