

Converting Colors

XYZ(66.3467, 66.4641, 81.2835)

Have a look what the booklet for
XYZ(66.3467, 66.4641, 81.2835)
contains.

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Color

**XYZ(66.3467, 66.4641,
81.2835)**

Conversions

Conversions Part 1

Format	Color
Hex	DDD1E2
RGB	221, 209, 226
RGB Percent	87%, 82%, 89%
CMY	0.1333, 0.1804, 0.1137
CMYK	0.02, 0.08, 0.00, 0.11
HSL	282°, 23%, 85%
HSV	282°, 8%, 89%
XYZ	66.3467, 66.4641, 81.2835
YIQ	214.5260, 1.6950, 7.8310

Conversions

Conversions Part 2

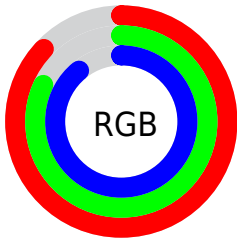
Format	Color
R_{YB}	221, 209, 226
Decimal	14537186
CIE Lab	85.23, 7.19, -6.89
CIE LCh	85, 9.960, 316.214
Yxy	66.4641, 0.3099, 0.3104
Android (android.graphics.Color)	4292727266 (0xFFDDD1E2)
YUV	214.5260, 5.6567, 5.6777
Hunter-Lab	81.5255, 2.5963, -2.0461

Details

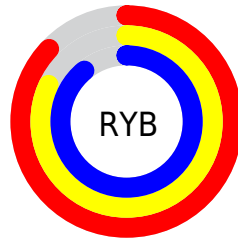
The XYZ color **66.3467, 66.4641, 81.2835** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.4391, 73.2941, 70.9705**, and the grayscale version is **64.2348, 67.5801, 73.5947**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.7979, 34.4900, 43.3513** is the 20% darker color. If you saturate the color by 10%, you get **59.2067, 55.1291, 79.4729**, and if you desaturate by 10%, it is **74.3573, 79.4192, 83.3629**.

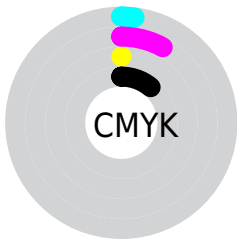
Distribution



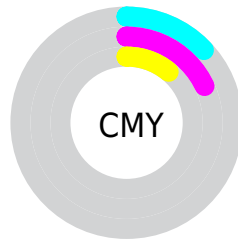
- Red (87%)
- Green (82%)
- Blue (89%)



- 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 66.3467, 66.4641, 81.2835 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 66.3467, 66.4641, 81.2835 by changing the saturation by 10% instead.

66.3467, 66.4641,
81.2835

66.3467, 66.4641,
81.2835

437.0849,
448.0348, 519.0683

48.8226, 48.6492,
60.2427

113.0388,
114.1522, 136.9964

34.6928, 34.3413,
43.1878

142.9375,
144.7942, 172.5057

23.5917, 23.1559,
29.7000

177.6918,
180.4807, 213.6748

15.1541, 14.7087,
19.3608

217.6671,
221.5962, 260.9224

9.0146, 8.6152,
11.7519

263.2287,
268.5249, 314.6671

4.8079, 4.4911,
6.4545

314.7420,

2.1686, 1.9519,

321.6513, 375.3272

3.0501

372.5722,
381.3598, 443.3214

■ 0.7261, 0.5793,
1.1203

■ 0.0000, 0.0000,
0.0000

■ 66.3467, 66.4641,
81.2835

■ 66.3467, 66.4641,
81.2835

■ 59.2067, 55.1291,
79.4729

■ 74.3573, 79.4192,
83.3629

■ 52.8976, 45.3393,
77.9158

■ 83.2645, 94.0482,
85.7171

■ 47.3851, 37.0265,
76.6019

■ 85.7452, 95.7025,
85.9057

■ 42.6303, 30.1141,
75.5182

■ 88.0559, 96.8937,
86.0138

■ 38.5905, 24.5184,
74.6511

■ 90.4502, 98.1280,
86.1259

■ 35.2187, 20.1465,
73.9849

■ 90.7277, 98.2711,
86.1388

■ 32.4615, 16.8934,
73.5023

■ 30.2564, 14.6356,
73.1828

■ 28.5195, 13.2068,
72.9985

Harmonies

Analogous

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



64.3877, 66.4641, 84.9275



66.3467, 66.4641, 81.2835



67.4670, 66.4641, 75.3606

Triad

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



66.3467, 66.4641, 81.2835



64.2086, 66.4641, 60.9910



59.1089, 66.4641, 75.8826

Complementary

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



66.3467, 66.4641, 81.2835



66.4391, 73.2941, 70.9705

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.



59.0635, 66.4641, 69.4559



66.3467, 66.4641, 81.2835



61.9720, 66.4641, 61.1123

Square

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



66.3467, 66.4641, 81.2835



66.2129, 66.4641, 63.7879



60.1005, 66.4641, 64.1297



60.2259, 66.4641, 81.6851

Rectangle

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



66.3467, 66.4641, 81.2835



67.5707, 66.4641, 71.0355



60.1005, 66.4641, 64.1297



58.9687, 66.4641, 73.7173

Sweetspot

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



66.3486, 66.4670, 81.2849



92.8947, 96.5056, 108.3391



64.0966, 67.1930, 81.5438



19.9059, 20.6928, 23.1949



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.



66.3486, 66.4670, 81.2849



85.7203, 84.9633, 106.4894



67.4319, 67.0788, 78.9246



13.8818, 13.7226, 17.3048



16.1710, 7.4317, 41.6305



1.2090, 0.5606, 2.8897

Inverse Universe

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



66.3045, 66.6278, 72.9877



85.6614, 85.2216, 93.4423



65.4275, 72.7234, 73.1438



13.8723, 13.7665, 15.0977



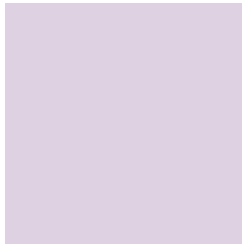
18.5077, 9.4701, 4.0732



1.3213, 0.6718, 0.4846

Previews

White Background



This preview shows how the XYZ color 66.3467, 66.4641, 81.2835 looks on a white background.

Color Contrast Check

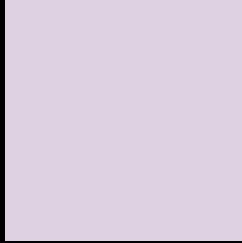
Large Text (above 18pt) WCAG AA × Fail

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 66.3467, 66.4641, 81.2835 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

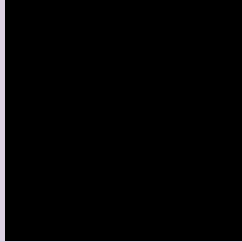
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

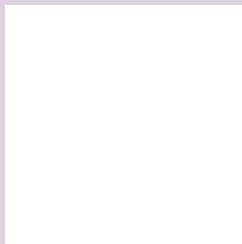
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.3467, 66.4641, 81.2835

Background



This preview shows how black text looks on a background with the XYZ color 66.3467, 66.4641, 81.2835.



This preview shows how white text looks on a background with the XYZ color 66.3467, 66.4641,

81.2835.

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

66.3467, 66.4641, 81.2835

Protanopia

64.6985, 66.6855, 82.8604

Deuteranopia

67.7188, 66.4475, 81.2080



Tritanopia

66.3467, 66.4641, 81.2835

Trichromacy



Original Color

66.3467, 66.4641, 81.2835

Protanomaly

65.1837, 66.5817, 82.0890

Deuteranomaly

67.3347, 66.6103, 81.2597

Tritanomaly

66.3467, 66.4641, 81.2835

Monochromacy



Original Color

66.3467, 66.4641, 81.2835

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

65.1957, 67.4547, 76.6017

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.3467, 66.4641, 81.2835 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, 209, 226)` looks like.

```
.text, #text, p{  
    color:rgb(221, 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(221, 209, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 209, 226) }
```

Border

The CSS property to change the border of an element to XYZ 66.3467, 66.4641, 81.2835 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, 209, 226) }
```


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

```
.border{ border-color:rgb(221, 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(221, 209, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 209, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 209, 226);  
box-shadow:4px 4px 4px 4px rgb(221, 209,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 66.3467, 66.4641, 81.2835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 209, 226) }
```

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

```
.background{ background-color: rgb(221,  
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](#).

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