

Converting Colors

XYZ(66.0504, 66.0220, 83.5161)

Have a look what the booklet for
XYZ(66.0504, 66.0220, 83.5161)
contains.

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Color

**XYZ(65.9121, 65.8290,
83.3611)**

Conversions

Conversions Part 1

Format	Color
Hex	DBD0E5
RGB	219, 208, 229
RGB Percent	86%, 82%, 90%
CMY	0.1412, 0.1843, 0.1020
CMYK	0.04, 0.09, 0.00, 0.10
HSL	271°, 29%, 86%
HSV	271°, 9%, 90%
XYZ	65.9121, 65.8290, 83.3611
YIQ	213.6830, -0.1850, 8.8630

Conversions

Conversions Part 2

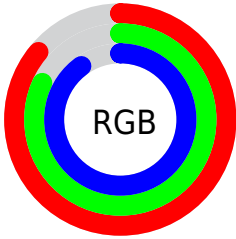
Format	Color
R _{YB}	219, 208, 229
Decimal	14405861
CIE Lab	84.91, 7.61, -8.98
CIE LCh	85, 11.775, 310.286
Yxy	65.8290, 0.3064, 0.3060
Android (android.graphics.Color)	4292595941 (0xFFDBD0E5)
YUV	213.6830, 7.5513, 4.6630
Hunter-Lab	81.1351, 3.0226, -4.1221

Details

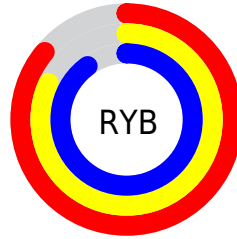
The XYZ color **65.9121, 65.8290, 83.3611** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.3205, 75.5000, 70.6500**, and the grayscale version is **63.6561, 66.9712, 72.9316**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.5054, 34.0597, 44.7999** is the 20% darker color. If you saturate the color by 10%, you get **57.5530, 53.8227, 81.4852**, and if you desaturate by 10%, it is **75.2962, 79.5639, 85.5186**.

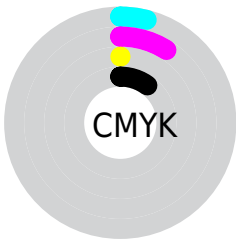
Distribution



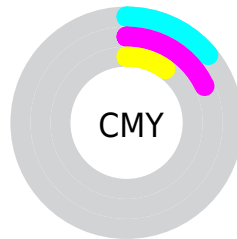
- Red (86%)
- Green (82%)
- Blue (90%)



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



- Cyan (4%)
- Magenta (9%)
- Yellow (0%)
- Black (10%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.9121, 65.8290, 83.3611 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 65.9121, 65.8290, 83.3611 by changing the saturation by 10% instead.

65.9121, 65.8290,
83.3611

65.9121, 65.8290,
83.3611

435.5560,
445.7651, 526.1917

48.4685, 48.1336,
61.9457

112.4186,
113.2409, 139.9348

34.4108, 33.9327,
44.5534

142.2122,
143.7261, 175.9303

23.3738, 22.8419,
30.7654

176.8532,
179.2435, 217.6229

14.9920, 14.4768,
20.1633

216.7069,
220.1773, 265.4312

8.9000, 8.4530,
12.3285

262.1386,
266.9119, 319.7737

4.7326, 4.3862,
6.8426

313.5139,

2.1244, 1.8918,

319.8319, 381.0689

3.2869

371.1979,
379.3214, 449.7354

■ 0.7024, 0.5435,
1.2429

■ 0.0000, 0.0000,
0.0143

■ 65.9121, 65.8290,
83.3611

■ 65.9121, 65.8290,
83.3611

■ 57.5530, 53.8227,
81.4852

■ 75.2962, 79.5639,
85.5186

■ 50.1746, 43.4658,
79.8750

■ 85.7357, 95.0857,
87.9644

■ 43.7378, 34.6852,
78.5194

■ 89.9473, 97.8208,
88.2703

■ 38.1984, 27.3988,
77.4050

■ 91.1431, 98.4372,
88.3263

■ 33.5082, 21.5171,
76.5169

■ 29.6141, 16.9405,
75.8388

■ 26.4557, 13.5558,
75.3519

■ 23.9626, 11.2292,
75.0343

■ 22.0264, 9.7519,
74.8512

Harmonies

Analogous

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



63.4803, 65.8290, 86.9706



65.9121, 65.8290, 83.3611



67.4752, 65.8290, 76.6986

Triad

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



65.9121, 65.8290, 83.3611



64.2983, 65.8290, 58.8307



57.7006, 65.8290, 74.3068

Complementary

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



65.9121, 65.8290, 83.3611



68.3205, 75.5000, 70.6500

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.



57.9057, 65.8290, 66.8787



65.9121, 65.8290, 83.3611



61.6655, 65.8290, 58.2897

Square

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



65.9121, 65.8290, 83.3611



66.5254, 65.8290, 62.6722



59.3399, 65.8290, 61.1384



58.7717, 65.8290, 81.5046

Rectangle

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



65.9121, 65.8290, 83.3611



67.7888, 65.8290, 71.6039



59.3399, 65.8290, 61.1384



57.6233, 65.8290, 71.7493

Sweetspot

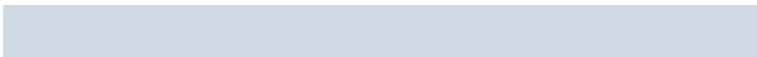
The Sweet Spot groups the original color and five complimentary colors.



65.9140, 65.8318, 83.3625



91.3301, 94.5313, 108.0405



65.2682, 69.2903, 84.0641



19.3400, 19.9282, 23.0771



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.



65.9140, 65.8318, 83.3625



82.0000, 80.9445, 105.9097



68.9649, 67.4102, 83.2505



14.2995, 14.2566, 18.1425



12.6495, 5.5870, 42.7949



1.0419, 0.4681, 3.1674

Inverse Universe

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



67.5263, 66.8348, 75.6747



84.4696, 82.4805, 94.1478



65.4625, 74.0216, 70.7412



14.6614, 14.4817, 16.4173



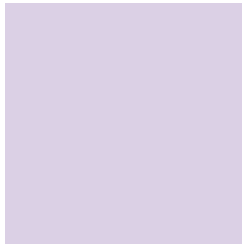
20.1154, 10.1804, 9.5025



1.5331, 0.7710, 0.9481

Previews

White Background



This preview shows how the XYZ color 65.9121, 65.8290, 83.3611 looks on a white background.

Color Contrast Check

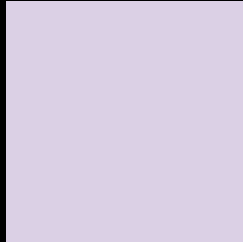
Large Text (above 18pt) WCAG AA × Fail

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 65.9121, 65.8290, 83.3611 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

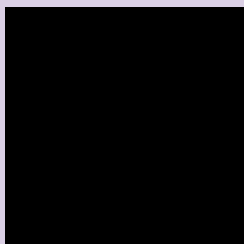
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

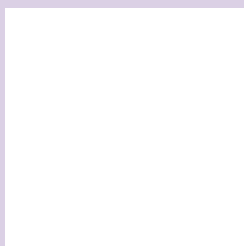
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.9121, 65.8290, 83.3611

Background



This preview shows how black text looks on a background with the XYZ color 65.9121, 65.8290, 83.3611.



This preview shows how white text looks on a background with the XYZ color 65.9121, 65.8290,

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

65.9121, 65.8290, 83.3611

Protanopia

64.2964, 66.0597, 84.9633

Deuteranopia

67.2655, 65.8073, 83.2855



Tritanopia

65.3045, 65.9426, 80.5204

Trichromacy



Original Color

65.9121, 65.8290, 83.3611

Protanomaly

64.7701, 65.9525, 84.1793

Deuteranomaly

66.8871, 65.9708, 83.3370

Tritanomaly

65.4414, 65.9973, 81.2411

Monochromacy



Original Color

65.9121, 65.8290, 83.3611

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

64.6486, 66.8004, 76.5042

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.9121, 65.8290, 83.3611 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, 208, 229) looks like.

```
.text, #text, p{  
    color:rgb(219, 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(219, 208, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 208, 229) }
```

Border

The CSS property to change the border of an element to XYZ 65.9121, 65.8290, 83.3611 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, 208, 229) }
```


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

```
.border{ border-color:rgb(219, 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(219, 208, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 208, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 208, 229);  
box-shadow:4px 4px 4px 4px rgb(219, 208,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 65.9121, 65.8290, 83.3611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 208, 229) }
```

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

```
.background{ background-color: rgb(219,  
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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