

Converting Colors

XYZ(65.2399, 66.2667, 86.2528)

Have a look what the booklet for
XYZ(65.2399, 66.2667, 86.2528)
contains.

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Color

**XYZ(65.1951, 66.1225,
86.4176)**

Conversions

Conversions Part 1

Format	Color
Hex	D5D2E9
RGB	213, 210, 233
RGB Percent	84%, 82%, 91%
CMY	0.1647, 0.1765, 0.0863
CMYK	0.09, 0.10, 0.00, 0.09
HSL	248°, 34%, 87%
HSV	248°, 10%, 91%
XYZ	65.1951, 66.1225, 86.4176
YIQ	213.5190, -5.5950, 7.7890

Conversions

Conversions Part 2

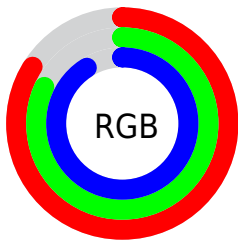
Format	Color
R _{YB}	213, 210, 233
Decimal	14013161
CIE Lab	85.06, 5.36, -10.93
CIE LCh	85, 12.176, 296.106
Yxy	66.1225, 0.2994, 0.3037
Android (android.graphics.Color)	4292203241 (0xFFD5D2E9)
YUV	213.5190, 9.6041, -0.4552
Hunter-Lab	81.3157, 0.8103, -6.0889

Details

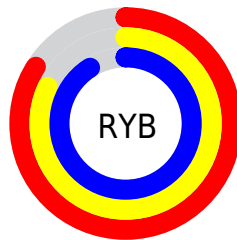
The XYZ color **65.1951, 66.1225, 86.4176** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.4074, 79.7558, 72.5014**, and the grayscale version is **63.5353, 66.8441, 72.7933**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.9248, 34.2204, 46.4121** is the 20% darker color. If you saturate the color by 10%, you get **54.3415, 52.6018, 84.3809**, and if you desaturate by 10%, it is **77.6246, 81.7024, 88.7707**.

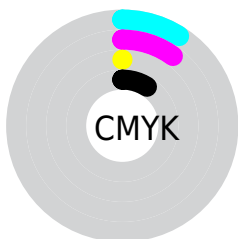
Distribution



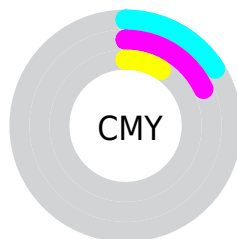
- Red (84%)
- Green (82%)
- Blue (91%)



- Red (84%)
- Yellow (82%)
- Blue (91%)



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



- Cyan (16%)
- Magenta (18%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.1951, 66.1225, 86.4176 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 65.1951, 66.1225, 86.4176 by changing the saturation by 10% instead.

■ 65.1951, 66.1225,
86.4176

■ 65.1951, 66.1225,
86.4176

433.0269,
446.8149, 536.5736

■ 47.8846, 48.3719,
64.4565

111.3945,
113.6621, 144.2438

■ 33.9464, 34.1215,
46.5719

141.0140,
144.2199, 180.9459

■ 23.0151, 22.9869,
32.3455

175.4673,
179.8155, 223.3988

■ 14.7254, 14.5838,
21.3585

215.1196,
220.8334, 272.0210

■ 8.7120, 8.5278,
13.1925

260.3364,
267.6578, 327.2311

■ 4.6094, 4.4345,
7.4290

311.4830,

■ 2.0523, 1.9195,

320.6733, 389.4475

3.6493

368.9247,
380.2642, 459.0888

■ 0.6631, 0.5600,
1.4350

■ 0.0000, 0.0000,
0.1688

■ 65.1951, 66.1225,
86.4176

■ 65.1951, 66.1225,
86.4176

■ 54.3415, 52.6018,
84.3809

■ 77.6246, 81.7024,
88.7707

■ 44.9948, 41.0460,
82.6430

■ 91.1692, 98.3854,
91.2770

■ 37.0898, 31.3657,
81.1912

■ 91.7082, 98.6633,
91.3022

■ 30.5540, 23.4615,
80.0100

■ 25.3087, 17.2247,
79.0826

■ 21.2669, 12.5347,
78.3904

■ 18.3308, 9.2541,
77.9119

■ 16.3865, 7.2213,
77.6220

■ 15.2654, 6.1754,
77.4793

Harmonies

Analogous

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



62.4903, 66.1225, 88.1285



65.1951, 66.1225, 86.4176



67.3242, 66.1225, 80.7451

Triad

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



65.1951, 66.1225, 86.4176



65.8324, 66.1225, 60.1805



57.7348, 66.1225, 70.9761

Complementary

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



65.1951, 66.1225, 86.4176



73.4074, 79.7558, 72.5014

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.



58.5737, 66.1225, 63.9032



65.1951, 66.1225, 86.4176



63.2060, 66.1225, 57.9634

Square

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



65.1951, 66.1225, 86.4176



67.6996, 66.1225, 65.5568



60.5569, 66.1225, 59.2756



58.2329, 66.1225, 78.8439

Rectangle

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



65.1951, 66.1225, 86.4176



68.1034, 66.1225, 75.6815



60.5569, 66.1225, 59.2756



57.8692, 66.1225, 68.4325

Sweetspot

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



65.1971, 66.1253, 86.4191



90.2524, 93.9757, 107.9901



69.6735, 76.3567, 88.1580



19.0498, 19.7786, 23.0636



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.



65.1971, 66.1253, 86.4191



76.9313, 77.3040, 105.4742



68.5542, 67.8559, 86.5762



14.4137, 14.6430, 18.9890



8.7127, 3.5275, 43.9646



0.7427, 0.3072, 3.4550

Inverse Universe

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



70.9361, 69.1329, 84.4716



85.4178, 81.7524, 102.5548



69.9322, 77.9642, 72.3388



15.6254, 15.2780, 18.5788



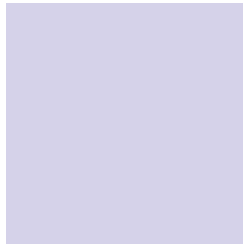
25.1927, 12.2798, 33.1456



2.0018, 0.9737, 2.7267

Previews

White Background



This preview shows how the XYZ color 65.1951, 66.1225, 86.4176 looks on a white background.

Color Contrast Check

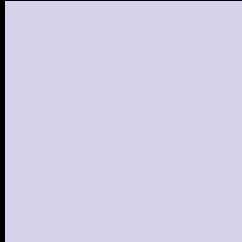
Large Text (above 18pt) WCAG AA × Fail

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 65.1951, 66.1225, 86.4176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

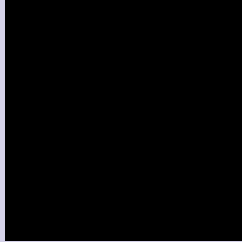
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.1951, 66.1225, 86.4176

Background



This preview shows how black text looks on a background with the XYZ color 65.1951, 66.1225, 86.4176.

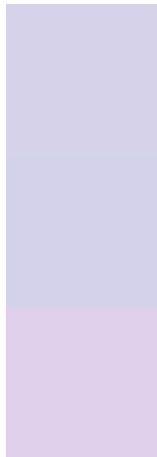


This preview shows how white text looks on a background with the XYZ color 65.1951, 66.1225,

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

65.1951, 66.1225, 86.4176

Protanopia

64.7239, 66.2307, 87.2144

Deuteranopia

67.5955, 66.2541, 87.0676



Tritanopia

64.4492, 66.1870, 82.7773

Trichromacy



Original Color

65.1951, 66.1225, 86.4176

Protanomaly

65.0095, 66.3779, 87.2278

Deuteranomaly

66.6206, 66.1123, 87.0916

Tritanomaly

64.7286, 66.2988, 84.2483

Monochromacy



Original Color

65.1951, 66.1225, 86.4176

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

64.5770, 67.1051, 77.9556

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.1951, 66.1225, 86.4176 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(213, 210, 233)` looks like.

```
.text, #text, p{  
    color:rgb(213, 210, 233)  
}
```

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(213, 210, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 210, 233) }
```

Border

The CSS property to change the border of an element to XYZ 65.1951, 66.1225, 86.4176 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(213, 210, 233) }
```


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

```
.border{ border-color:rgb(213, 210, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 210, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 210, 233); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 210, 233); box-shadow:4px 4px 4px 4px rgb(213, 210, 233) }
```

Background

The CSS property to change the background color of an element to XYZ 65.1951, 66.1225, 86.4176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 210, 233) }
```

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

```
.background{ background-color: rgb(213,  
210, 233) }
```

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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