

Converting Colors

XYZ(65.1676, 63.1313, 91.1889)

Have a look what the booklet for
XYZ(65.1676, 63.1313, 91.1889)
contains.

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Color

**XYZ(65.1676, 63.1313,
91.1889)**

Conversions

Conversions Part 1

Format	Color
Hex	D8CAF0
RGB	216, 202, 240
RGB Percent	85%, 79%, 94%
CMY	0.1529, 0.2078, 0.0588
CMYK	0.10, 0.16, 0.00, 0.06
HSL	262°, 56%, 87%
HSV	262°, 16%, 94%
XYZ	65.1676, 63.1313, 91.1889
YIQ	210.5180, -3.8540, 14.7860

Conversions

Conversions Part 2

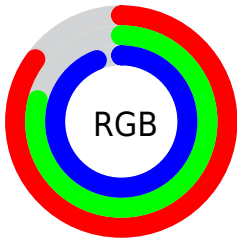
Format	Color
R _Y B	216, 202, 240
Decimal	14207728
CIE Lab	83.51, 11.97, -16.95
CIE LCh	84, 20.747, 305.222
Yxy	63.1313, 0.2969, 0.2876
Android (android.graphics.Color)	4292397808 (0xFFD8CAF0)
YUV	210.5180, 14.5346, 4.8077
Hunter-Lab	79.4552, 7.3556, -12.4271

Details

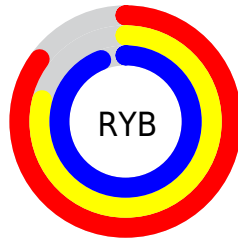
The XYZ color **65.1676, 63.1313, 91.1889** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **73.1871, 82.7548, 67.9961**, and the grayscale version is **61.5099, 64.7132, 70.4726**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.9396, 32.2176, 49.7772** is the 20% darker color. If you saturate the color by 10%, you get **55.6949, 50.5298, 89.2568**, and if you desaturate by 10%, it is **75.9331, 77.7025, 93.4350**.

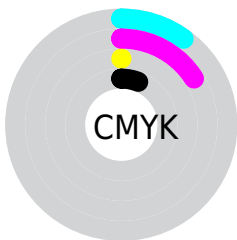
Distribution



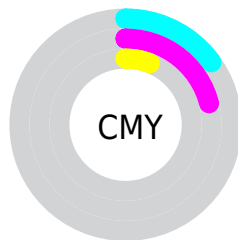
- Red (85%)
- Green (79%)
- Blue (94%)



- Red (85%)
- Yellow (79%)
- Blue (94%)



- Cyan (10%)
- Magenta (16%)
- Yellow (0%)
- Black (6%)



- Cyan (15%)
- Magenta (21%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.1676, 63.1313, 91.1889 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 65.1676, 63.1313, 91.1889 by changing the saturation by 10% instead.

■ 65.1676, 63.1313,
91.1889

■ 65.1676, 63.1313,
91.1889

432.9297,
436.0458, 552.5603

■ 47.8622, 45.9474,
68.3879

111.3551,
109.3589, 150.9386

■ 33.9286, 32.2043,
49.7447

140.9680,
139.1715, 188.7245

■ 23.0014, 21.5176,
34.8408

175.4141,
173.9623, 232.3423

■ 14.7152, 13.5029,
23.2577

215.0587,
214.1160, 282.2106

■ 8.7048, 7.7757,
14.5768

260.2672,
260.0168, 338.7481

■ 4.6047, 3.9518,
8.3796

311.4049,

■ 2.0496, 1.6466,

312.0491, 402.3731

4.2476

368.8373,
370.5973, 473.5044

■ 0.6616, 0.3887,
1.7621

■ 0.0000, 0.0000,
0.4028

■ 65.1676, 63.1313,
91.1889

■ 65.1676, 63.1313,
91.1889

■ 55.6949, 50.5298,
89.2568

■ 75.9331, 77.7025,
93.4350

■ 47.4577, 39.8037,
87.6206

■ 88.0340, 94.3165,
96.0041

■ 40.4029, 30.8625,
86.2666

■ 92.7284, 99.0713,
96.6744

■ 34.4707, 23.6051,
85.1785

■ 29.5961, 17.9200,
84.3381

■ 25.7060, 13.6815,
83.7250

■ 22.7171, 10.7435,
83.3154

■ 20.5282, 8.9270,
83.0801

■ 19.7919, 8.3862,
83.0146

Harmonies

Analogous

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



60.8004, 63.1313, 96.6826



65.1676, 63.1313, 91.1889



68.2622, 63.1313, 79.7286

Triad

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



65.1676, 63.1313, 91.1889



63.7280, 63.1313, 48.4933



51.7444, 63.1313, 71.0340

Complementary

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



65.1676, 63.1313, 91.1889



73.1871, 82.7548, 67.9961

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.



52.4410, 63.1313, 58.8091



65.1676, 63.1313, 91.1889



59.2154, 63.1313, 46.7767

Square

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



65.1676, 63.1313, 91.1889



67.4022, 63.1313, 55.3369



55.1214, 63.1313, 50.3143



53.1688, 63.1313, 84.1477

Rectangle

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



65.1676, 63.1313, 91.1889



69.1062, 63.1313, 70.8372



55.1214, 63.1313, 50.3143



51.7391, 63.1313, 66.6831

Sweetspot

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



65.1695, 63.1340, 91.1903



88.2156, 90.6377, 107.4531



67.3020, 73.2790, 93.0361



18.6829, 19.1288, 22.9575



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.



65.1695, 63.1340, 91.1903



71.1179, 67.5388, 103.8957



71.0896, 66.1858, 91.4673



15.4472, 15.5122, 19.9016



10.9683, 4.6598, 45.4492



1.0185, 0.4423, 3.7859

Inverse Universe

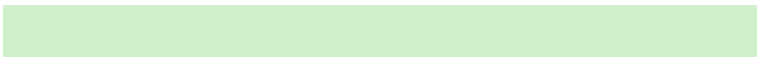
The Inverse Universe completely reimagines the original color for something new.



70.7853, 66.2601, 81.0133



78.7523, 71.7912, 89.9437



67.5737, 79.8610, 67.7334



16.1929, 15.9269, 18.5719



22.8219, 11.4012, 17.5104



1.9463, 0.9676, 1.7083

Previews

White Background



This preview shows how the XYZ color 65.1676, 63.1313, 91.1889 looks on a white background.

Color Contrast Check

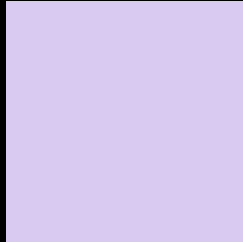
Large Text (above 18pt) WCAG AA × Fail

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 65.1676, 63.1313, 91.1889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

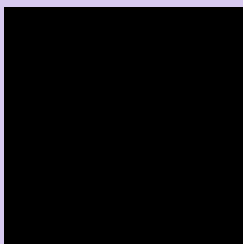
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.1676, 63.1313, 91.1889

Background



This preview shows how black text looks on a background with the XYZ color 65.1676, 63.1313, 91.1889.



This preview shows how white text looks on a background with the XYZ color 65.1676, 63.1313,

91.1889.

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

65.1676, 63.1313, 91.1889

Protanopia

62.3364, 63.0312, 93.6748

Deuteranopia

64.5247, 63.1493, 91.2263



Tritanopia

62.3230, 63.0292, 77.2877

Trichromacy



Original Color

65.1676, 63.1313, 91.1889

Protanomaly

63.3119, 63.1953, 92.8654

Deuteranomaly

64.8157, 63.2993, 91.2399

Tritanomaly

63.3280, 63.0833, 82.2373

Monochromacy



Original Color

65.1676, 63.1313, 91.1889

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

63.1813, 64.5318, 78.2331

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.1676, 63.1313, 91.1889 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(216, 202, 240)` looks like.

```
.text, #text, p{  
    color:rgb(216, 202, 240)  
}
```

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(216, 202, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 202, 240) }
```

Border

The CSS property to change the border of an element to XYZ 65.1676, 63.1313, 91.1889 is called "border". The border property can be set on classes, ids or directly on the HTML element.

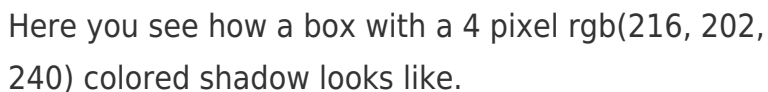
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(216, 202, 240) }
```


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

```
.border{ border-color:rgb(216, 202, 240) }
```

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



Here you see how a box with a 4 pixel `rgb(216, 202, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 202, 240); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 202, 240); box-shadow:4px 4px 4px 4px rgb(216, 202, 240) }
```

Background

The CSS property to change the background color of an element to XYZ 65.1676, 63.1313, 91.1889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 202, 240) }
```

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

```
.background{ background-color: rgb(216,  
202, 240) }
```

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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