

Converting Colors

XYZ(64.4674, 65.4710, 85.9049)

Have a look what the booklet for
XYZ(64.4674, 65.4710, 85.9049)
contains.

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Color

**XYZ(64.2299, 65.2760,
85.5582)**

Conversions

Conversions Part 1

Format	Color
Hex	D3D1E8
RGB	211, 209, 232
RGB Percent	83%, 82%, 91%
CMY	0.1725, 0.1804, 0.0902
CMYK	0.09, 0.10, 0.00, 0.09
HSL	245°, 33%, 86%
HSV	245°, 10%, 91%
XYZ	64.2299, 65.2760, 85.5582
YIQ	212.2200, -6.1910, 7.5770

Conversions

Conversions Part 2

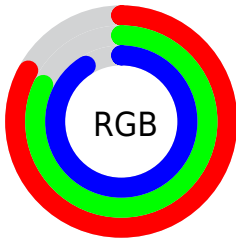
Format	Color
R _Y B	211, 209, 232
Decimal	13881832
CIE Lab	84.63, 5.04, -11.06
CIE LCh	85, 12.157, 294.480
Yxy	65.2760, 0.2987, 0.3035
Android (android.graphics.Color)	4292071912 (0xFFD3D1E8)
YUV	212.2200, 9.7515, -1.0699
Hunter-Lab	80.7936, 0.5166, -6.2310

Details

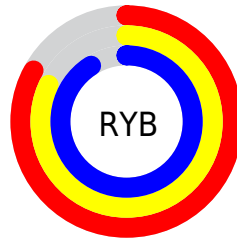
The XYZ color **64.2299, 65.2760, 85.5582** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.0008, 79.1414, 71.7530**, and the grayscale version is **62.6673, 65.9309, 71.7988**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.2681, 33.6452, 45.8150** is the 20% darker color. If you saturate the color by 10%, you get **53.2728, 51.7854, 83.5328**, and if you desaturate by 10%, it is **76.8196, 80.8422, 87.9002**.

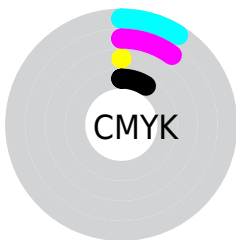
Distribution



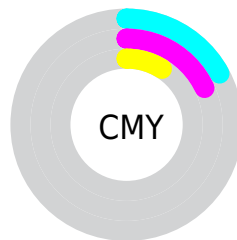
- Red (83%)
- Green (82%)
- Blue (91%)



- Red (83%)
- Yellow (82%)
- Blue (91%)



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



- Cyan (17%)
- Magenta (18%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.2299, 65.2760, 85.5582 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 64.2299, 65.2760, 85.5582 by changing the saturation by 10% instead.

■ 64.2299, 65.2760,
85.5582

■ 64.2299, 65.2760,
85.5582

429.6085,
443.7831, 533.6660

■ 47.0993, 47.6849,
63.7499

110.0138,
112.4466, 143.0339

■ 33.3224, 33.5774,
46.0033

139.3979,
142.7948, 179.5384

■ 22.5340, 22.5692,
31.8997

173.5971,
178.1643, 221.7786

■ 14.3686, 14.2757,
21.0207

212.9769,
218.9393, 270.1732

■ 8.4609, 8.3127,
12.9478

257.9025,
265.5043, 325.1408

■ 4.4455, 4.2957,
7.2623

308.7395,

■ 1.9571, 1.8403,

318.2437, 387.0997

3.5457

365.8530,
377.5418, 456.4686

■ 0.6097, 0.5121,
1.3796

■ 0.0000, 0.0000,
0.1257

■ 64.2299, 65.2760,
85.5582

■ 64.2299, 65.2760,
85.5582

■ 53.2728, 51.7854,
83.5328

■ 76.8196, 80.8422,
87.9002

■ 43.8759, 40.2747,
81.8063

■ 90.9696, 98.2990,
90.5240

■ 35.9696, 30.6532,
80.3658

■ 91.5657, 98.6063,
90.5519

■ 29.4772, 22.8196,
79.1960

■ 24.3148, 16.6635,
78.2798

■ 20.3898, 12.0618,
77.5985

■ 17.5974, 8.8748,
77.1305

■ 15.8154, 6.9374,
76.8504

■ 14.8632, 5.9829,
76.7164

Harmonies

Analogous

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



61.5424, 65.2760, 87.0078



64.2299, 65.2760, 85.5582



66.3867, 65.2760, 80.1133

Triad

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



64.2299, 65.2760, 85.5582



65.1235, 65.2760, 59.5940



56.9936, 65.2760, 69.6469

Complementary

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



64.2299, 65.2760, 85.5582



73.0008, 79.1414, 71.7530

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.



57.8928, 65.2760, 62.7424



64.2299, 65.2760, 85.5582



62.5461, 65.2760, 57.2157

Square

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



64.2299, 65.2760, 85.5582



66.9131, 65.2760, 65.0612



59.9061, 65.2760, 58.3251



57.4149, 65.2760, 77.4473

Rectangle

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



64.2299, 65.2760, 85.5582



67.2067, 65.2760, 75.1478



59.9061, 65.2760, 58.3251



57.1506, 65.2760, 67.1511

Sweetspot

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



64.2318, 65.2788, 85.5596



90.1344, 93.9149, 107.9845



69.1820, 76.0233, 87.3726



19.0181, 19.7623, 23.0621



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.



64.2318, 65.2788, 85.5596



76.5099, 77.0868, 105.4545



67.6202, 67.0255, 85.7182



13.6983, 13.9467, 18.1143



8.2914, 3.3403, 42.5909



0.6530, 0.2676, 3.1492

Inverse Universe

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



70.3644, 68.4728, 84.3742



85.6284, 81.8366, 103.6635



69.4555, 77.3137, 71.5871



14.9383, 14.5925, 17.8754



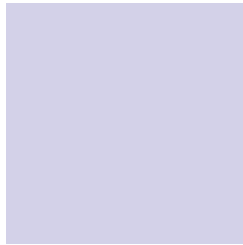
25.0859, 12.1686, 35.6768



1.8697, 0.9056, 2.7205

Previews

White Background



This preview shows how the XYZ color 64.2299, 65.2760, 85.5582 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 64.2299, 65.2760, 85.5582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

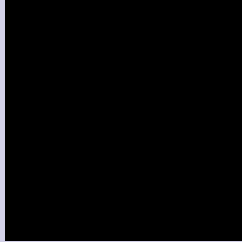
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.2299, 65.2760, 85.5582

Background



This preview shows how black text looks on a background with the XYZ color 64.2299, 65.2760, 85.5582.



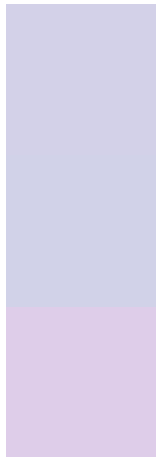
This preview shows how white text looks on a background with the XYZ color 64.2299, 65.2760,

85.5582.

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

64.2299, 65.2760, 85.5582

Protanopia

63.9066, 65.4747, 85.6136

Deuteranopia

66.6635, 65.0754, 86.1381



Tritanopia

63.4901, 65.3409, 81.9388

Trichromacy



Original Color

64.2299, 65.2760, 85.5582

Protanomaly

64.1904, 65.6210, 85.6269

Deuteranomaly

65.6927, 64.9312, 86.1614

Tritanomaly

63.7678, 65.4520, 83.4013

Monochromacy



Original Color

64.2299, 65.2760, 85.5582

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

63.2318, 65.7001, 76.3665

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.2299, 65.2760, 85.5582 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(211, 209, 232) looks like.

```
.text, #text, p{  
    color:rgb(211, 209, 232)  
}
```

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(211, 209, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 209, 232) }
```

Border

The CSS property to change the border of an element to XYZ 64.2299, 65.2760, 85.5582 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(211, 209, 232) }
```


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

```
.border{ border-color:rgb(211, 209, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 209, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 209, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 209, 232);  
box-shadow:4px 4px 4px 4px rgb(211, 209,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 64.2299, 65.2760, 85.5582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 209, 232) }
```

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

```
.background{ background-color: rgb(211,  
209, 232) }
```

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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