

Converting Colors

XYZ(65.5034, 66.7707, 82.0725)

Have a look what the booklet for
XYZ(65.5034, 66.7707, 82.0725)
contains.

XYZ(65.4783, 66.7335, 82.1028)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(65.4783, 66.7335,
82.1028)**

Conversions

Conversions Part 1

Format	Color
Hex	D8D3E3
RGB	216, 211, 227
RGB Percent	85%, 83%, 89%
CMY	0.1529, 0.1725, 0.1098
CMYK	0.05, 0.07, 0.00, 0.11
HSL	259°, 22%, 86%
HSV	259°, 7%, 89%
XYZ	65.4783, 66.7335, 82.1028
YIQ	214.3190, -2.1560, 6.0360

Conversions

Conversions Part 2

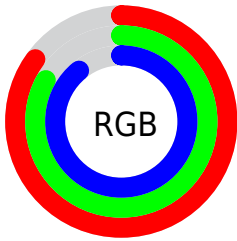
Format	Color
R _Y B	216, 211, 227
Decimal	14210019
CIE Lab	85.37, 4.66, -7.26
CIE LCh	85, 8.629, 302.669
Yxy	66.7335, 0.3055, 0.3114
Android (android.graphics.Color)	4292400099 (0xFFD8D3E3)
YUV	214.3190, 6.2517, 1.4742
Hunter-Lab	81.6906, 0.1165, -2.4058

Details

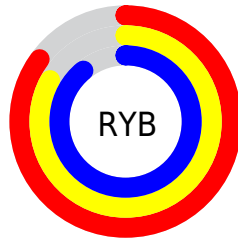
The XYZ color **65.4783, 66.7335, 82.1028** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.3536, 75.1726, 72.4858**, and the grayscale version is **64.0932, 67.4311, 73.4324**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.2013, 34.6696, 43.9190** is the 20% darker color. If you saturate the color by 10%, you get **55.8381, 53.9764, 80.1495**, and if you desaturate by 10%, it is **76.3569, 81.3148, 84.3449**.

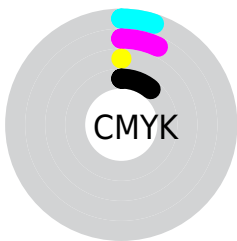
Distribution



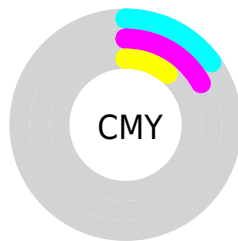
- Red (85%)
- Green (83%)
- Blue (89%)



- Red (85%)
- Yellow (83%)
- Blue (89%)



- Cyan (5%)
- Magenta (7%)
- Yellow (0%)
- Black (11%)



- Cyan (15%)
- Magenta (17%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.4783, 66.7335, 82.1028 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 65.4783, 66.7335, 82.1028 by changing the saturation by 10% instead.

■ 65.4783, 66.7335,
82.1028

■ 65.4783, 66.7335,
82.1028

434.0269,
448.9956, 521.8840

■ 48.1152, 48.8681,
60.9140

111.7991,
114.5385, 138.1561

■ 34.1297, 34.5148,
43.7256

141.4875,
145.2468, 173.8577

■ 23.1566, 23.2894,
30.1193

176.0150,
181.0049, 215.2339

■ 14.8305, 14.8073,
19.6763

215.7470,
222.1971, 262.7034

■ 8.7861, 8.6843,
11.9782

261.0488,
269.2079, 316.6846

■ 4.6579, 4.5358,
6.6065

312.2858,

■ 2.0807, 1.9776,

322.4217, 377.5960

3.1426

369.8234,
382.2228, 445.8563

■ 0.6787, 0.5944,
1.1679

■ 0.0000, 0.0000,
0.0000

■ 65.4783, 66.7335,
82.1028

■ 65.4783, 66.7335,
82.1028

■ 55.8381, 53.9764,
80.1495

■ 76.3569, 81.3148,
84.3449

■ 47.3851, 42.9624,
78.4691

■ 88.0609, 96.8804,
86.7325

■ 40.0729, 33.6167,
77.0506

■ 90.8653, 98.3261,
86.8638

■ 33.8501, 25.8557,
75.8806

■ 28.6605, 19.5885,
74.9444

■ 24.4432, 14.7146,
74.2259

■ 21.1297, 11.1209,
73.7069

■ 18.6416, 8.6754,
73.3660

■ 16.8804, 7.2085,
73.1757

Harmonies

Analogous

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



63.6033, 66.7335, 83.9508



65.4783, 66.7335, 82.1028



66.8254, 66.7335, 77.7155

Triad

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



65.4783, 66.7335, 82.1028



65.1692, 66.7335, 63.5139



59.7480, 66.7335, 73.1637

Complementary

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



65.4783, 66.7335, 82.1028



69.3536, 75.1726, 72.4858

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.



60.1481, 66.7335, 67.8313



65.4783, 66.7335, 82.1028



63.2534, 66.7335, 62.4324

Square

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



65.4783, 66.7335, 82.1028



66.6444, 66.7335, 67.0057



61.4213, 66.7335, 63.9731



60.3171, 66.7335, 78.6268

Rectangle

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



65.4783, 66.7335, 82.1028



67.2288, 66.7335, 74.0434



61.4213, 66.7335, 63.9731



59.7736, 66.7335, 71.2968

Sweetspot

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



65.4802, 66.7363, 82.1043



92.1661, 96.1300, 108.3050



66.9058, 71.7459, 82.9961



19.7576, 20.6163, 23.1880



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.



65.4802, 66.7363, 82.1043



83.9101, 85.1038, 106.6119



67.8400, 67.9528, 82.2147



14.0043, 14.1044, 18.1287



9.7036, 4.0683, 42.6570



0.8100, 0.3486, 3.1566

Inverse Universe

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



68.1599, 68.1963, 78.6813



87.8748, 87.2642, 101.5306



67.0192, 73.9692, 72.3765



14.7934, 14.5346, 17.1125



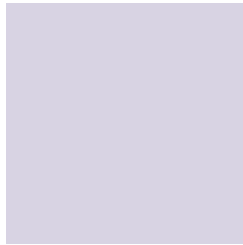
22.0341, 10.9479, 19.6063



1.6696, 0.8256, 1.6669

Previews

White Background



This preview shows how the XYZ color 65.4783, 66.7335, 82.1028 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 65.4783, 66.7335, 82.1028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

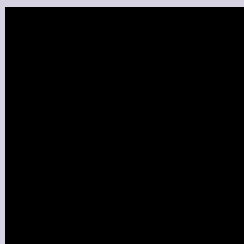
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

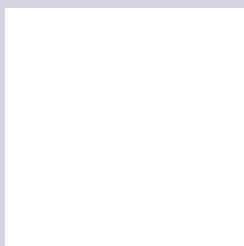
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.4783, 66.7335, 82.1028

Background



This preview shows how black text looks on a background with the XYZ color 65.4783, 66.7335, 82.1028.

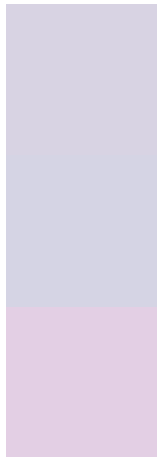


This preview shows how white text looks on a background with the XYZ color 65.4783, 66.7335,

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

65.4783, 66.7335, 82.1028

Protanopia

64.9876, 66.8345, 82.8739

Deuteranopia

67.9950, 66.5580, 82.6620



Tritanopia

65.6168, 66.7889, 82.8320

Trichromacy



Original Color

65.4783, 66.7335, 82.1028

Protanomaly

65.2786, 66.9845, 82.8875

Deuteranomaly

66.9909, 66.4012, 82.6847

Tritanomaly

65.6168, 66.7889, 82.8320

Monochromacy



Original Color

65.4783, 66.7335, 82.1028

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

64.6048, 67.1500, 76.5741

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.4783, 66.7335, 82.1028 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, 211, 227) looks like.

```
.text, #text, p{  
    color:rgb(216, 211, 227)  
}
```

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, 211, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 211, 227) }
```

Border

The CSS property to change the border of an element to XYZ 65.4783, 66.7335, 82.1028 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, 211, 227) }
```


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

```
.border{ border-color:rgb(216, 211, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 211, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 211, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 211, 227);  
box-shadow:4px 4px 4px 4px rgb(216, 211,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 65.4783, 66.7335, 82.1028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 211, 227) }
```

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

```
.background{ background-color: rgb(216,  
211, 227) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor