

Converting Colors

XYZ(64.3195, 67.5489, 85.9922)

Have a look what the booklet for
XYZ(64.3195, 67.5489, 85.9922)
contains.

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Color

**XYZ(64.3195, 67.5489,
85.9922)**

Conversions

Conversions Part 1

Format	Color
Hex	CED7E8
RGB	206, 215, 232
RGB Percent	81%, 84%, 91%
CMY	0.1921, 0.1568, 0.0902
CMYK	0.11, 0.07, 0.00, 0.09
HSL	219°, 36%, 86%
HSV	219°, 11%, 91%
XYZ	64.3195, 67.5489, 85.9922
YIQ	214.2470, -10.8210, 3.3790

Conversions

Conversions Part 2

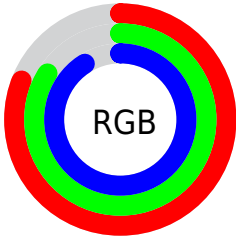
Format	Color
R _Y B	206, 213, 232
Decimal	13555688
CIE Lab	85.78, 0.26, -9.39
CIE LCh	86, 9.389, 271.616
Yxy	67.5489, 0.2952, 0.3101
Android (android.graphics.Color)	4291745768 (0xFFCED7E8)
YUV	214.2470, 8.7522, -7.2326
Hunter-Lab	82.1881, -4.1372, -4.5025

Details

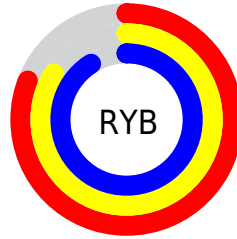
The XYZ color **64.3195, 67.5489, 85.9922** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.8072, 74.3869, 69.0198**, and the grayscale version is **64.0326, 67.3673, 73.3629**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.3562, 34.9516, 46.0626** is the 20% darker color. If you saturate the color by 10%, you get **54.6639, 57.1030, 84.4859**, and if you desaturate by 10%, it is **75.2878, 79.2066, 87.6653**.

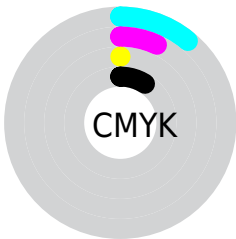
Distribution



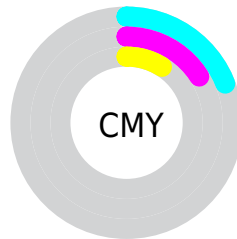
- Red (81%)
- Green (84%)
- Blue (91%)



- Red (81%)
- Yellow (84%)
- Blue (91%)



- Cyan (11%)
- Magenta (7%)
- Yellow (0%)
- Black (9%)



- Cyan (19%)
- Magenta (16%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.3195, 67.5489, 85.9922 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 64.3195, 67.5489, 85.9922 by changing the saturation by 10% instead.

■ 64.3195, 67.5489,
85.9922

■ 64.3195, 67.5489,
85.9922

429.9265,
451.8961, 535.1355

■ 47.1721, 49.5308,
64.1067

110.1421,
115.7066, 143.6451

■ 33.3803, 35.0408,
46.2903

139.5481,
146.6150, 180.2494

■ 22.5786, 23.6943,
32.1247

173.7709,
182.5889, 222.5972

■ 14.4016, 15.1070,
21.1911

213.1761,
224.0129, 271.1069

■ 8.4841, 8.8945,
13.0712

258.1289,
271.2712, 326.1970

■ 4.4606, 4.6724,
7.3463

308.9946,

■ 1.9659, 2.0564,

324.7482, 388.2861

3.5979

366.1387,
384.8284, 457.7928

■ 0.6147, 0.6399,
1.4074

■ 0.0000, 0.0000,
0.1475

■ 64.3195, 67.5489,
85.9922

■ 64.3195, 67.5489,
85.9922

■ 54.6639, 57.1030,
84.4859

■ 75.2878, 79.2066,
87.6653

■ 46.2638, 47.8197,
83.1368

■ 87.6111, 92.1063,
89.5057

■ 39.0666, 39.6586,
81.9409

■ 91.5657, 98.6063,
90.5519

■ 33.0133, 32.5736,
80.8924

■ 28.0399, 26.5152,
79.9851

■ 24.0752, 21.4294,
79.2124

■ 21.0389, 17.2560,
78.5669

■ 18.8361, 13.9266,
78.0404

■ 17.4591, 11.6130,
77.6664

Harmonies

Analogous

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



62.2635, 67.5489, 84.4318



64.3195, 67.5489, 85.9922



66.3884, 67.5489, 84.0674

Triad

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



64.3195, 67.5489, 85.9922



67.7778, 67.5489, 67.5327



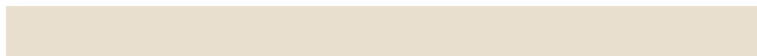
60.6446, 67.5489, 68.0788

Complementary

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



64.3195, 67.5489, 85.9922



70.8072, 74.3869, 69.0198

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.



62.0665, 67.5489, 63.9472



64.3195, 67.5489, 85.9922



66.1828, 67.5489, 63.6444

Square

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



64.3195, 67.5489, 85.9922



68.4124, 67.5489, 73.2169



64.0870, 67.5489, 62.3686



60.1703, 67.5489, 73.8826

Rectangle

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



64.3195, 67.5489, 85.9922



67.4888, 67.5489, 81.1258



64.0870, 67.5489, 62.3686



61.0260, 67.5489, 66.4598

Sweetspot

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



64.3215, 67.5517, 85.9937



90.7166, 95.4285, 108.2460



67.6171, 76.1585, 80.8788



19.1747, 20.1692, 23.1324



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.



64.3215, 67.5517, 85.9937



77.3604, 81.1902, 106.2017



63.1878, 63.6570, 85.3017



13.9889, 14.6992, 18.2443



9.7985, 6.6591, 43.1521



0.8084, 0.6607, 3.2169

Inverse Universe

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



67.6173, 66.2061, 73.5085



82.0765, 79.3249, 88.3228



72.0250, 78.6810, 69.7845



14.5820, 14.4500, 15.9991



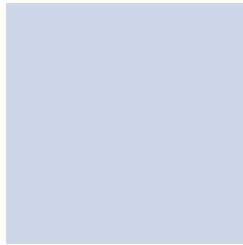
19.3393, 9.8700, 5.4160



1.4717, 0.7464, 0.6243

Previews

White Background



This preview shows how the XYZ color 64.3195, 67.5489, 85.9922 looks on a white background.

Color Contrast Check

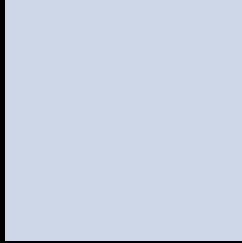
Large Text (above 18pt) WCAG AA × Fail

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 64.3195, 67.5489, 85.9922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

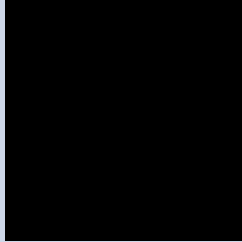
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.3195, 67.5489, 85.9922

Background



This preview shows how black text looks on a background with the XYZ color 64.3195, 67.5489, 85.9922.



This preview shows how white text looks on a background with the XYZ color 64.3195, 67.5489,

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

64.3195, 67.5489, 85.9922

Protanopia

65.6586, 67.5042, 85.1703

Deuteranopia

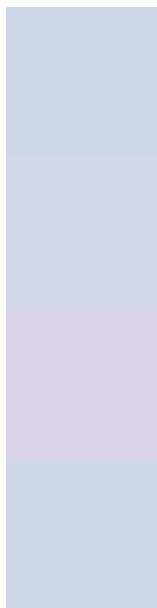
68.6279, 67.1637, 86.4376



Tritanopia

64.3195, 67.5489, 85.9922

Trichromacy



Original Color

64.3195, 67.5489, 85.9922

Protanomaly

65.0487, 67.5643, 85.2141

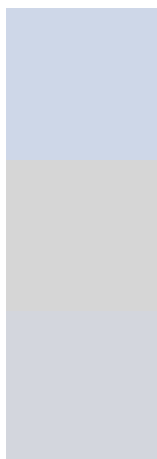
Deuteranomaly

67.2157, 67.5318, 86.5831

Tritanomaly

64.3195, 67.5489, 85.9922

Monochromacy



Original Color

64.3195, 67.5489, 85.9922

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

63.9617, 67.1625, 77.9991

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.3195, 67.5489, 85.9922 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(206, 215, 232) looks like.

```
.text, #text, p{  
    color:rgb(206, 215, 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(206, 215, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 215, 232) }
```

Border

The CSS property to change the border of an element to XYZ 64.3195, 67.5489, 85.9922 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(206, 215, 232) }
```


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

```
.border{ border-color:rgb(206, 215, 232) }
```

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

Here you see how a box with a 4 pixel rgb(206, 215, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 215, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 215, 232);  
box-shadow:4px 4px 4px 4px rgb(206, 215,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 64.3195, 67.5489, 85.9922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 215, 232) }
```

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

```
.background{ background-color: rgb(206,  
215, 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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