

Converting Colors

XYZ(63.9294, 66.5252, 83.8944)

Have a look what the booklet for
XYZ(63.9294, 66.5252, 83.8944)
contains.

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Color

**XYZ(63.9495, 66.6555,
83.6240)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | D0D5E5 |
| RGB | 208, 213, 229 |
| RGB Percent | 82%, 84%, 90% |
| CMY | 0.1843, 0.1647, 0.1020 |
| CMYK | 0.09, 0.07, 0.00, 0.10 |
| HSL | 226°, 29%, 86% |
| HSV | 226°, 9%, 90% |
| XYZ | 63.9495, 66.6555, 83.6240 |
| YIQ | 213.3290, -8.1160, 3.9160 |

Conversions

Conversions Part 2

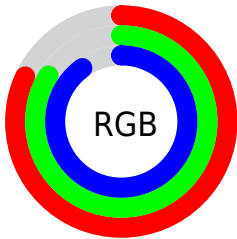
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 208, 212, 229 |
| Decimal | 13686245 |
| CIE Lab | 85.33, 1.36, -8.45 |
| CIE LCh | 85, 8.559, 279.171 |
| Yxy | 66.6555, 0.2985, 0.3111 |
| Android (android.graphics.Color) | 4291876325 (0xFFD0D5E5) |
| YUV | 213.3290, 7.7258, -4.6735 |
| Hunter-Lab | 81.6428, -3.0588, -3.5788 |

Details

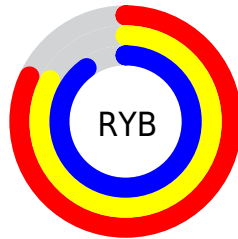
The XYZ color **63.9495, 66.6555, 83.6240** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.3542, 74.5229, 70.3520**, and the grayscale version is **63.4214, 66.7243, 72.6627**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.1933, 34.3797, 44.9309** is the 20% darker color. If you saturate the color by 10%, you get **53.8161, 55.2660, 81.9607**, and if you desaturate by 10%, it is **75.4884, 79.4738, 85.4911**.

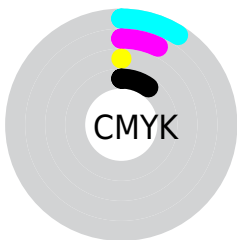
Distribution



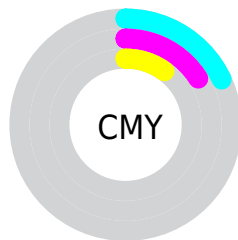
- Red (82%)
- Green (84%)
- Blue (90%)



- Red (82%)
- Yellow (83%)
- Blue (90%)



- Cyan (9%)
- Magenta (7%)
- Yellow (0%)
- Black (10%)



- Cyan (18%)
- Magenta (16%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.9495, 66.6555, 83.6240 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 63.9495, 66.6555, 83.6240 by changing the saturation by 10% instead.

■ 63.9495, 66.6555,
83.6240

■ 63.9495, 66.6555,
83.6240

428.6124,
448.7175, 527.0892

■ 46.8713, 48.8047,
62.1615

109.6123,
114.4266, 140.3061

■ 33.1414, 34.4646,
44.7265

138.9277,
145.1158, 176.3628

■ 22.3946, 23.2507,
30.9007

173.0528,
180.8532, 218.1212

■ 14.2653, 14.7788,
20.2654

212.3531,
222.0232, 266.0000

■ 8.3884, 8.6643,
12.4021

257.1938,
269.0102, 320.4176

■ 4.3983, 4.5228,
6.8923

307.9403,

■ 1.9299, 1.9701,

322.1987, 381.7927

3.3174

364.9581,
381.9730, 450.5437

■ 0.5941, 0.5900,
1.2589

■ 0.0000, 0.0000,
0.0278

■ 63.9495, 66.6555,
83.6240

■ 63.9495, 66.6555,
83.6240

■ 53.8161, 55.2660,
81.9607

■ 75.4884, 79.4738,
85.4911

■ 45.0278, 45.2467,
80.4900

■ 88.4784, 93.7601,
87.5639

■ 37.5285, 36.5473,
79.2061

■ 91.1430, 98.4372,
88.3263

■ 31.2556, 29.1110,
78.1014

■ 26.1413, 22.8769,
77.1676

■ 22.1107, 17.7784,
76.3960

■ 19.0800, 13.7424,
75.7767

■ 16.9513, 10.6858,
75.2989

■ 15.5813, 8.4983,
74.9489

Harmonies

Analogous

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



62.0389, 66.6555, 83.0092



63.9495, 66.6555, 83.6240



65.7357, 66.6555, 81.1638

Triad

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



63.9495, 66.6555, 83.6240



66.2855, 66.6555, 66.0456



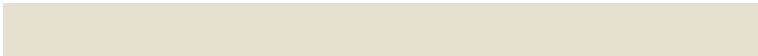
59.9364, 66.6555, 68.8494

Complementary

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



63.9495, 66.6555, 83.6240



70.3542, 74.5229, 70.3520

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.



61.0306, 66.6555, 64.6173



63.9495, 66.6555, 83.6240



64.6876, 66.6555, 63.0567

Square

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



63.9495, 66.6555, 83.6240



67.1024, 66.6555, 70.8897



62.7623, 66.6555, 62.5475



59.7479, 66.6555, 74.2898

Rectangle

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



63.9495, 66.6555, 83.6240



66.6063, 66.6555, 78.1812



62.7623, 66.6555, 62.5475



60.2094, 66.6555, 67.2463

Sweetspot

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



63.9515, 66.6583, 83.6255



90.4604, 94.9159, 108.1606



67.4535, 74.8179, 81.2305



19.1057, 20.0312, 23.1094



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.



63.9515, 66.6583, 83.6255



79.0311, 82.1794, 106.3046



64.2130, 64.9537, 83.2827



13.8602, 14.4418, 18.2014



8.9329, 4.9280, 42.8635



0.7308, 0.5056, 3.1910

Inverse Universe

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



66.8807, 66.5752, 72.2793



83.4940, 82.0902, 89.0099



70.0686, 76.4011, 70.7296



14.5170, 14.4240, 15.6571



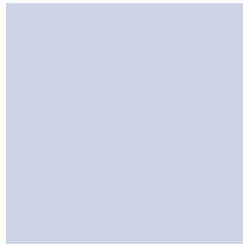
18.9024, 9.6952, 3.1153



1.4325, 0.7307, 0.4182

Previews

White Background



This preview shows how the XYZ color 63.9495, 66.6555, 83.6240 looks on a white background.

Color Contrast Check

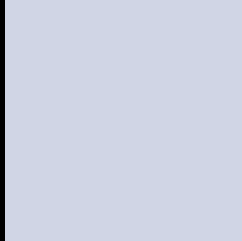
Large Text (above 18pt) WCAG AA × Fail

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 63.9495, 66.6555, 83.6240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

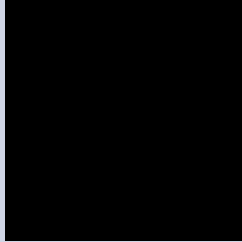
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.9495, 66.6555, 83.6240

Background



This preview shows how black text looks on a background with the XYZ color 63.9495, 66.6555, 83.6240.



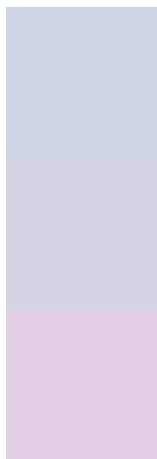
This preview shows how white text looks on a background with the XYZ color 63.9495, 66.6555,

83.6240.

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

63.9495, 66.6555, 83.6240

Protanopia

64.6985, 66.6855, 82.8604

Deuteranopia

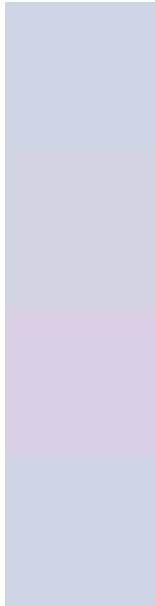
67.9598, 66.5076, 84.1183



Tritanopia

64.0896, 66.7116, 84.3616

Trichromacy



Original Color

63.9495, 66.6555, 83.6240

Protanomaly

64.4110, 66.5373, 82.8469

Deuteranomaly

66.2968, 66.3742, 84.1802

Tritanomaly

64.0896, 66.7116, 84.3616

Monochromacy



Original Color

63.9495, 66.6555, 83.6240

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.4444, 66.5519, 76.5197

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.9495, 66.6555, 83.6240 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(208, 213, 229) looks like.

```
.text, #text, p{  
    color:rgb(208, 213, 229)  
}
```

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(208, 213, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 213, 229) }
```

Border

The CSS property to change the border of an element to XYZ 63.9495, 66.6555, 83.6240 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(208, 213, 229) }
```


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

```
.border{ border-color:rgb(208, 213, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 213, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(208, 213, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(208, 213, 229); box-shadow:4px 4px 4px 4px rgb(208, 213, 229) }
```

Background

The CSS property to change the background color of an element to XYZ 63.9495, 66.6555, 83.6240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 213, 229) }
```

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

```
.background{ background-color: rgb(208,  
213, 229) }
```

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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