

Converting Colors

XYZ(61.6325, 63.2619, 83.0911)

Have a look what the booklet for
XYZ(61.6325, 63.2619, 83.0911)
contains.

XYZ(61.6325, 63.2619, 83.0911)	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(61.6325, 63.2619,
83.0911)**

Conversions

Conversions Part 1

Format	Color
Hex	CDCFE5
RGB	205, 207, 229
RGB Percent	80%, 81%, 90%
CMY	0.1961, 0.1882, 0.1020
CMYK	0.10, 0.10, 0.00, 0.10
HSL	235°, 32%, 85%
HSV	235°, 10%, 90%
XYZ	61.6325, 63.2619, 83.0911
YIQ	208.9100, -8.2540, 6.4180

Conversions

Conversions Part 2

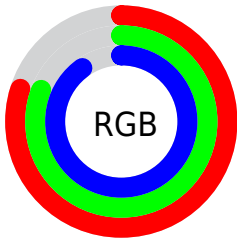
Format	Color
R _Y B	205, 207, 229
Decimal	13488101
CIE Lab	83.58, 3.55, -11.08
CIE LCh	84, 11.631, 287.767
Yxy	63.2619, 0.2963, 0.3042
Android (android.graphics.Color)	4291678181 (0xFFCDCF E5)
YUV	208.9100, 9.9044, -3.4291
Hunter-Lab	79.5373, -0.8729, -6.2629

Details

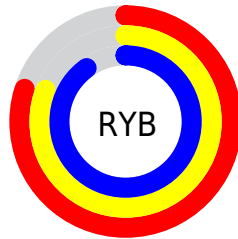
The XYZ color **61.6325, 63.2619, 83.0911** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.8019, 76.0035, 68.6973**, and the grayscale version is **60.4885, 63.6387, 69.3025**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.7937, 32.4178, 44.6259** is the 20% darker color. If you saturate the color by 10%, you get **51.0207, 50.7391, 81.2342**, and if you desaturate by 10%, it is **73.8486, 77.6186, 85.2194**.

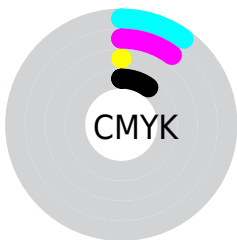
Distribution



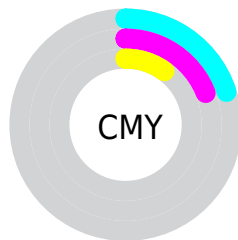
- Red (80%)
- Green (81%)
- Blue (90%)



- Red (80%)
- Yellow (81%)
- Blue (90%)



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



- Cyan (20%)
- Magenta (19%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.6325, 63.2619, 83.0911 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 61.6325, 63.2619, 83.0911 by changing the saturation by 10% instead.

■ 61.6325, 63.2619,
83.0911

■ 61.6325, 63.2619,
83.0911

420.3283,
436.5194, 525.2690

■ 44.9903, 46.0531,
61.7243

106.2872,
109.5473, 139.5534

■ 31.6510, 32.2877,
44.3756

135.0303,
139.3926, 175.4860

■ 21.2493, 21.5814,
30.6265

168.5378,
174.2190, 217.1109

■ 13.4199, 13.5496,
20.0585

207.1751,
214.4107, 264.8466

■ 7.7973, 7.8081,
12.2531

251.3074,
260.3522, 319.1118

■ 4.0162, 3.9724,
6.7917

301.3001,

■ 1.7113, 1.6581,

312.4279, 380.3249

3.2557

357.5186,
371.0222, 448.9044

■ 0.4633, 0.3963,
1.2266

■ 0.0000, 0.0000,
0.0005

■ 61.6325, 63.2619,
83.0911

■ 61.6325, 63.2619,
83.0911

■ 51.0207, 50.7391,
81.2342

■ 73.8486, 77.6186,
85.2194

■ 41.9411, 39.9686,
79.6339

■ 87.7259, 93.8705,
87.6249

■ 34.3244, 30.8746,
78.2800

■ 91.1430, 98.4372,
88.3262

■ 28.0938, 23.3725,
77.1603

■ 23.1656, 17.3705,
76.2616

■ 19.4468, 12.7671,
75.5690

■ 16.8322, 9.4485,
75.0663

■ 15.1981, 7.2826,
74.7344

■ 14.3778, 6.1267,
74.5545

Harmonies

Analogous

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



59.0988, 63.2619, 83.4882



61.6325, 63.2619, 83.0911



63.8208, 63.2619, 78.7256

Triad

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



61.6325, 63.2619, 83.0911



63.4742, 63.2619, 59.0276



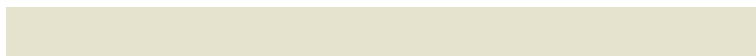
55.4769, 63.2619, 65.9578

Complementary

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



61.6325, 63.2619, 83.0911



70.8019, 76.0035, 68.6973

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.



56.5815, 63.2619, 59.8942



61.6325, 63.2619, 83.0911



61.1702, 63.2619, 56.0862

Square

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



61.6325, 63.2619, 83.0911



64.9045, 63.2619, 64.6973



58.6492, 63.2619, 56.3919



55.5928, 63.2619, 73.2422

Rectangle

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



61.6325, 63.2619, 83.0911



64.7676, 63.2619, 74.3151



58.6492, 63.2619, 56.3919



55.7165, 63.2619, 63.7194

Sweetspot

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



61.6344, 63.2646, 83.0925



90.0952, 94.1855, 108.0388



67.0072, 74.5428, 83.2415



19.0076, 19.8349, 23.0767



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.



61.6344, 63.2646, 83.0925



74.9499, 76.3691, 105.3982



63.8823, 63.7076, 83.0595



13.6790, 14.0794, 18.1410



8.2555, 3.5732, 42.6378



0.6437, 0.3314, 3.1620

Inverse Universe

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



65.4084, 64.8270, 68.1000



80.8598, 78.8382, 81.9156



68.3737, 75.5697, 68.7416



14.4256, 14.3874, 15.1755



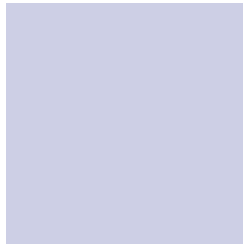
18.5605, 9.5584, 1.3148



1.3886, 0.7131, 0.1867

Previews

White Background



This preview shows how the XYZ color 61.6325, 63.2619, 83.0911 looks on a white background.

Color Contrast Check

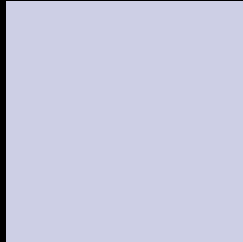
Large Text (above 18pt) WCAG AA × Fail

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 61.6325, 63.2619, 83.0911 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

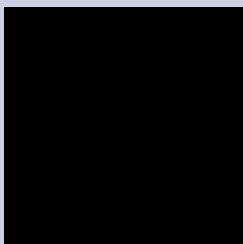
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.6325, 63.2619, 83.0911

Background



This preview shows how black text looks on a background with the XYZ color 61.6325, 63.2619, 83.0911.

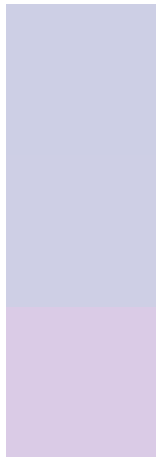


This preview shows how white text looks on a background with the XYZ color 61.6325, 63.2619,

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

61.6325, 63.2619, 83.0911

Protanopia

61.9093, 63.4046, 83.1041

Deuteranopia

64.5523, 63.3305, 83.6846



Tritanopia

60.9123, 63.3309, 79.5347

Trichromacy



Original Color

61.6325, 63.2619, 83.0911

Protanomaly

61.9093, 63.4046, 83.1041

Deuteranomaly

63.3164, 63.0450, 83.6947

Tritanomaly

61.1852, 63.4401, 80.9719

Monochromacy



Original Color

61.6325, 63.2619, 83.0911

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.9630, 63.4795, 74.0054

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.6325, 63.2619, 83.0911 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(205, 207, 229)` looks like.

```
.text, #text, p{  
    color:rgb(205, 207, 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(205, 207, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 207, 229) }
```

Border

The CSS property to change the border of an element to XYZ 61.6325, 63.2619, 83.0911 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(205, 207, 229) }
```


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

```
.border{ border-color:rgb(205, 207, 229) }
```

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

Here you see how a box with a 4 pixel rgb(205, 207, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 207, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 207, 229);  
box-shadow:4px 4px 4px 4px rgb(205, 207,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 61.6325, 63.2619, 83.0911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 207, 229) }
```

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

```
.background{ background-color: rgb(205,  
207, 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](#).

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