

Converting Colors

XYZ(59.2545, 63.5725, 79.6687)

Have a look what the booklet for
XYZ(59.2545, 63.5725, 79.6687)
contains.

XYZ(59.2545, 63.5725, 79.6687)	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(59.2545, 63.5725,
79.6687)**

Conversions

Conversions Part 1

Format	Color
Hex	C3D3E0
RGB	195, 211, 224
RGB Percent	76%, 83%, 88%
CMY	0.2353, 0.1725, 0.1216
CMYK	0.13, 0.06, 0.00, 0.12
HSL	207°, 32%, 82%
HSV	207°, 13%, 88%
XYZ	59.2545, 63.5725, 79.6687
YIQ	207.6980, -13.7090, 0.6510

Conversions

Conversions Part 2

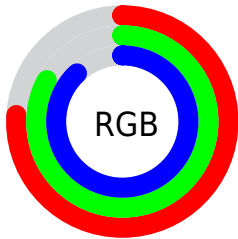
Format	Color
R _Y B	195, 205, 224
Decimal	12833760
CIE Lab	83.74, -2.79, -8.25
CIE LCh	84, 8.710, 251.310
Yxy	63.5725, 0.2926, 0.3139
Android (android.graphics.Color)	4291023840 (0xFFC3D3E0)
YUV	207.6980, 8.0369, -11.1361
Hunter-Lab	79.7324, -6.8762, -3.4300

Details

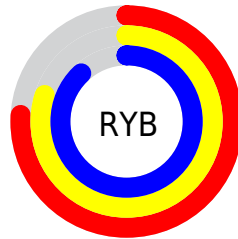
The XYZ color **59.2545, 63.5725, 79.6687** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.1470, 64.8988, 60.8294**, and the grayscale version is **59.7163, 62.8261, 68.4177**.

A 20% lighter version of the original color is **93.9549, 99.4354, 108.8487**, and **30.2029, 32.6412, 42.2446** is the 20% darker color. If you saturate the color by 10%, you get **51.4790, 55.9781, 78.6136**, and if you desaturate by 10%, it is **68.0577, 71.9313, 80.8191**.

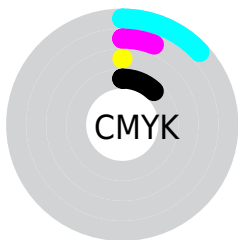
Distribution



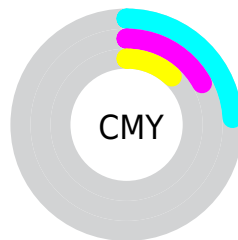
- Red (76%)
- Green (83%)
- Blue (88%)



- Red (76%)
- Yellow (80%)
- Blue (88%)



- Cyan (13%)
- Magenta (6%)
- Yellow (0%)
- Black (12%)



- Cyan (24%)
- Magenta (17%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.2545, 63.5725, 79.6687 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 59.2545, 63.5725, 79.6687 by changing the saturation by 10% instead.

■ 59.2545, 63.5725,
79.6687

■ 59.2545, 63.5725,
79.6687

411.7233,
437.6442, 513.4929

■ 43.0652, 46.3045,
58.9212

102.8600,
109.9950, 134.7070

■ 30.1310, 32.4862,
42.1301

131.0068,
139.9184, 169.8349

■ 20.0866, 21.7331,
28.8768

163.8703,
174.8290, 210.5934

■ 12.5666, 13.6609,
18.7429

201.8156,
215.1112, 257.4010

■ 7.2058, 7.8852,
11.3097

245.2082,
261.1494, 310.6762

■ 3.6386, 4.0216,
6.1588

294.4135,

■ 1.4998, 1.6856,

313.3281, 370.8375

2.8715

349.7967,
372.0315, 438.3036

■ 0.3257, 0.4143,
1.0294

■ 0.0000, 0.0000,
0.0000

■ 59.2545, 63.5725,
79.6687

■ 59.2545, 63.5725,
79.6687

■ 51.4790, 55.9781,
78.6136

■ 68.0577, 71.9313,
80.8191

■ 44.6844, 49.1147,
77.6470

■ 77.9219, 81.0708,
82.0633

■ 38.8280, 42.9577,
76.7673

■ 86.1861, 89.6247,
83.2788

■ 33.8620, 37.4781,
75.9713

■ 89.2422, 95.7369,
84.2975

■ 29.7337, 32.6441,
75.2558

■ 90.4547, 98.1619,
84.7017

■ 26.3844, 28.4207,
74.6172

■ 23.7468, 24.7684,
74.0512

■ 21.7401, 21.6403,
73.5532

■ 20.6137, 19.6998,
73.2380

Harmonies

Analogous

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



57.7069, 63.5725, 76.3977



59.2545, 63.5725, 79.6687



61.1469, 63.5725, 80.0542

Triad

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



59.2545, 63.5725, 79.6687



64.0970, 63.5725, 67.1773



58.0316, 63.5725, 61.6158

Complementary

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



59.2545, 63.5725, 79.6687



63.1470, 64.8988, 60.8294

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.



59.7064, 63.5725, 59.4096



59.2545, 63.5725, 79.6687



63.2246, 63.5725, 62.5059

Square

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



59.2545, 63.5725, 79.6687



63.9699, 63.5725, 72.6451



61.6083, 63.5725, 59.7267



57.0112, 63.5725, 65.9036

Rectangle

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



59.2545, 63.5725, 79.6687



62.3524, 63.5725, 78.6004



61.6083, 63.5725, 59.7267



58.5353, 63.5725, 60.6166

Sweetspot

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



59.2564, 63.5751, 79.6701



89.9554, 95.2345, 108.2487



60.4943, 69.4473, 69.6128



19.0546, 20.1963, 23.1439



0.0000, 0.0000, 0.0000



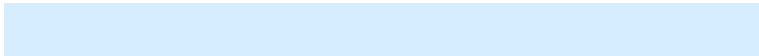
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



59.2564, 63.5751, 79.6701



76.0416, 81.9495, 106.4178



55.9125, 56.8874, 78.5555



13.5760, 14.4911, 17.4692



12.1150, 11.6995, 42.6681



0.9287, 0.9890, 2.9872

Inverse Universe

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



62.0149, 59.5820, 69.8631



80.5816, 75.5522, 90.2383



66.7308, 72.0665, 62.0241



14.0222, 13.8265, 15.8870



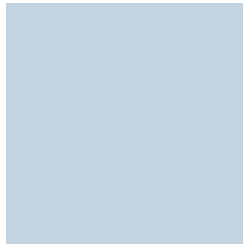
20.0553, 10.0891, 12.2227



1.4350, 0.7173, 1.0838

Previews

White Background



This preview shows how the XYZ color 59.2545, 63.5725, 79.6687 looks on a white background.

Color Contrast Check

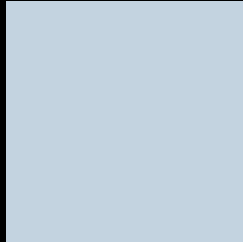
Large Text (above 18pt) WCAG AA × Fail

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 59.2545, 63.5725, 79.6687 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

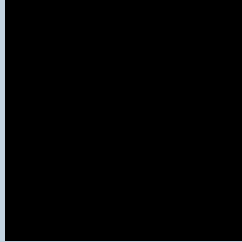
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

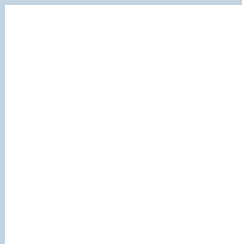
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.2545, 63.5725, 79.6687

Background



This preview shows how black text looks on a background with the XYZ color 59.2545, 63.5725, 79.6687.

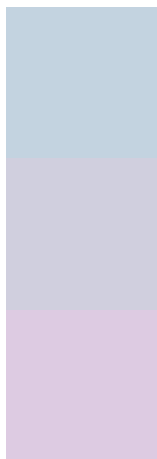


This preview shows how white text looks on a background with the XYZ color 59.2545, 63.5725,

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

59.2545, 63.5725, 79.6687

Protanopia

61.5101, 63.3095, 78.0853

Deuteranopia

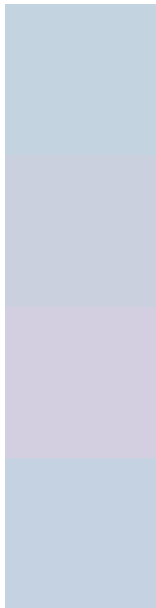
64.9022, 63.5750, 80.8020



Tritanopia

59.6767, 63.3750, 81.7603

Trichromacy



Original Color

59.2545, 63.5725, 79.6687

Protanomaly

60.5038, 63.1360, 78.8096

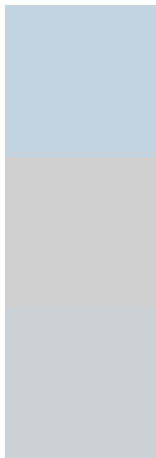
Deuteranomaly

62.8133, 63.5759, 80.1949

Tritanomaly

59.5390, 63.3199, 81.0354

Monochromacy



Original Color

59.2545, 63.5725, 79.6687

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.5667, 63.1525, 72.6685

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.2545, 63.5725, 79.6687 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(195, 211, 224)` looks like.

```
.text, #text, p{  
    color:rgb(195, 211, 224)  
}
```

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(195, 211, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 211, 224) }
```

Border

The CSS property to change the border of an element to XYZ 59.2545, 63.5725, 79.6687 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(195, 211, 224) }
```


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

```
.border{ border-color:rgb(195, 211, 224) }
```

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

Here you see how a box with a 4 pixel rgb(195, 211, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 211, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 211, 224);  
box-shadow:4px 4px 4px 4px rgb(195, 211,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 59.2545, 63.5725, 79.6687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 211, 224) }
```

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

```
.background{ background-color: rgb(195,  
211, 224) }
```

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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