

Converting Colors

XYZ(58.8636, 62.5924, 79.3833)

Have a look what the booklet for
XYZ(58.8636, 62.5924, 79.3833)
contains.

XYZ(59.0200, 62.7185, 79.5162)	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(59.0200, 62.7185,
79.5162)**

Conversions

Conversions Part 1

Format	Color
Hex	C4D1E0
RGB	196, 209, 224
RGB Percent	77%, 82%, 88%
CMY	0.2314, 0.1804, 0.1216
CMYK	0.12, 0.07, 0.00, 0.12
HSL	212°, 31%, 82%
HSV	212°, 12%, 88%
XYZ	59.0200, 62.7185, 79.5162
YIQ	206.8230, -12.5630, 1.9090

Conversions

Conversions Part 2

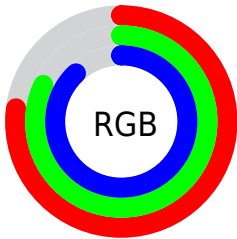
Format	Color
R_{YB}	196, 205, 224
Decimal	12898784
CIE _{Lab}	83.29, -1.42, -8.91
CIE _{LCh}	83, 9.022, 260.934
Yxy	62.7185, 0.2933, 0.3116
Android (android.graphics.Color)	4291088864 (0xFFC4D1E0)
YUV	206.8230, 8.4683, -9.4918
Hunter-Lab	79.1950, -5.5643, -4.0940

Details

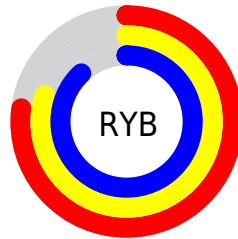
The XYZ color **59.0200, 62.7185, 79.5162** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.9990, 66.4212, 61.6734**, and the grayscale version is **59.1488, 62.2292, 67.7676**.

A 20% lighter version of the original color is **94.3180, 99.6226, 108.8657**, and **30.0381, 32.0580, 42.1408** is the 20% darker color. If you saturate the color by 10%, you get **50.7895, 54.2704, 78.3203**, and if you desaturate by 10%, it is **68.3458, 72.0636, 80.8295**.

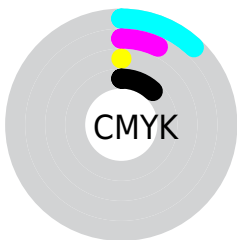
Distribution



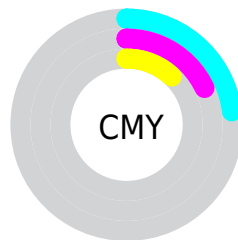
- Red (77%)
- Green (82%)
- Blue (88%)



- Red (77%)
- Yellow (80%)
- Blue (88%)



- Cyan (12%)
- Magenta (7%)
- Yellow (0%)
- Black (12%)



- Cyan (23%)
- Magenta (18%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.0200, 62.7185, 79.5162 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 59.0200, 62.7185, 79.5162 by changing the saturation by 10% instead.

■ 59.0200, 62.7185,
79.5162

■ 59.0200, 62.7185,
79.5162

410.8689,
434.5471, 512.9646

■ 42.8757, 45.6135,
58.7965

102.5212,
108.7633, 134.4906

■ 29.9817, 31.9409,
42.0304

130.6087,
138.4719, 169.5823

■ 19.9727, 21.3164,
28.7993

163.4081,
173.1505, 210.3018

■ 12.4833, 13.3555,
18.6848

201.2845,
213.1835, 257.0676

■ 7.1483, 7.6738,
11.2682

244.6035,
258.9552, 310.2982

■ 3.6022, 3.8869,
6.1311

293.7303,

■ 1.4796, 1.6105,

310.8502, 370.4123

2.8549

349.0303,
369.2527, 437.8282

■ 0.3119, 0.3647,
1.0210

■ 0.0000, 0.0000,
0.0000

■ 59.0200, 62.7185,
79.5162

■ 59.0200, 62.7185,
79.5162

■ 50.7895, 54.2704,
78.3203

■ 68.3458, 72.0636,
80.8295

■ 43.6055, 46.6821,
77.2343

■ 78.8020, 82.3260,
82.2592

■ 37.4236, 39.9248,
76.2558

■ 87.3466, 91.9457,
83.6656

■ 32.1936, 33.9650,
75.3811

■ 90.4547, 98.1619,
84.7017

■ 27.8608, 28.7664,
74.6060

■ 24.3645, 24.2894,
73.9262

■ 21.6351, 20.4892,
73.3365

■ 19.5899, 17.3142,
72.8315

■ 18.4073, 15.2870,
72.5025

Harmonies

Analogous

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



57.2676, 62.7185, 77.0203



59.0200, 62.7185, 79.5162



60.9692, 62.7185, 78.8784

Triad

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



59.0200, 62.7185, 79.5162



63.2029, 62.7185, 64.5043



56.7326, 62.7185, 61.7090

Complementary

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



59.0200, 62.7185, 79.5162



63.9990, 66.4212, 61.6734

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.



58.2752, 62.7185, 58.6939



59.0200, 62.7185, 79.5162



62.0196, 62.7185, 60.2452

Square

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



59.0200, 62.7185, 79.5162



63.4129, 62.7185, 70.0052



60.2081, 62.7185, 58.1731



55.9662, 62.7185, 66.6026

Rectangle

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



59.0200, 62.7185, 79.5162



62.1163, 62.7185, 76.7754



60.2081, 62.7185, 58.1731



57.1760, 62.7185, 60.4536

Sweetspot

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



59.0218, 62.7211, 79.5176



89.6783, 94.6801, 108.1563



61.1713, 69.7480, 71.8240



18.9845, 20.0561, 23.1206



0.0000, 0.0000, 0.0000



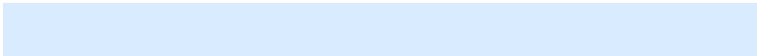
20.3446, 21.4041, 23.3091

Same Dimension

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



59.0218, 62.7211, 79.5176



76.1600, 81.0714, 106.2420



56.2043, 56.7244, 78.5086



13.4740, 14.2872, 17.4352



10.8268, 9.1233, 42.2387



0.8394, 0.8102, 2.9574

Inverse Universe

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



61.9905, 59.9321, 68.6253



80.9135, 76.7269, 88.7738



67.0725, 72.9965, 62.7805



13.9707, 13.8059, 15.6161



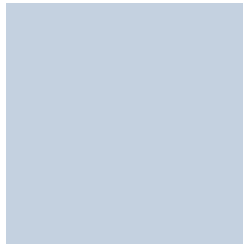
19.4051, 9.8290, 8.7989



1.3899, 0.6992, 0.8463

Previews

White Background



This preview shows how the XYZ color 59.0200, 62.7185, 79.5162 looks on a white background.

Color Contrast Check

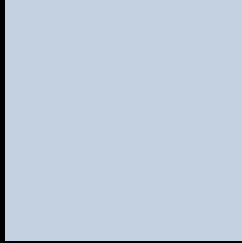
Large Text (above 18pt) WCAG AA × Fail

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 59.0200, 62.7185, 79.5162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

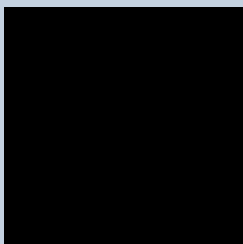
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

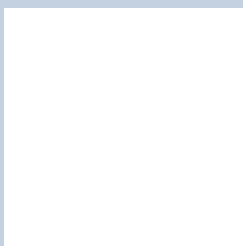
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.0200, 62.7185, 79.5162

Background



This preview shows how black text looks on a background with the XYZ color 59.0200, 62.7185, 79.5162.

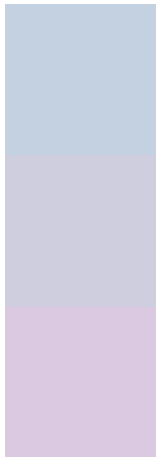


This preview shows how white text looks on a background with the XYZ color 59.0200, 62.7185,

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

59.0200, 62.7185, 79.5162

Protanopia

60.9882, 62.6819, 77.9916

Deuteranopia

63.8275, 62.3243, 80.6172



Tritanopia

59.1560, 62.7729, 80.2327

Trichromacy



Original Color

59.0200, 62.7185, 79.5162

Protanomaly

60.2607, 62.6499, 78.7286

Deuteranomaly

62.0474, 62.4709, 80.0220

Tritanomaly

59.1560, 62.7729, 80.2327

Monochromacy



Original Color

59.0200, 62.7185, 79.5162

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.1947, 62.6124, 71.9163

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.0200, 62.7185, 79.5162 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(196, 209, 224) looks like.

```
.text, #text, p{  
    color:rgb(196, 209, 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(196, 209, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 209, 224) }
```

Border

The CSS property to change the border of an element to XYZ 59.0200, 62.7185, 79.5162 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(196, 209, 224) }
```


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

```
.border{ border-color:rgb(196, 209, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 209, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 209, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 209, 224);  
box-shadow:4px 4px 4px 4px rgb(196, 209,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 59.0200, 62.7185, 79.5162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 209, 224) }
```

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

```
.background{ background-color: rgb(196,  
209, 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](#).

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