

Converting Colors

XYZ(57.3206, 63.0411, 76.2152)

Have a look what the booklet for
XYZ(57.3206, 63.0411, 76.2152)
contains.

XYZ(57.3159, 63.0203, 76.1611)	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(57.3159, 63.0203,
76.1611)**

Conversions

Conversions Part 1

Format	Color
Hex	BDD4DB
RGB	189, 212, 219
RGB Percent	74%, 83%, 86%
CMY	0.2588, 0.1686, 0.1412
CMYK	0.14, 0.03, 0.00, 0.14
HSL	194°, 29%, 80%
HSV	194°, 14%, 86%
XYZ	57.3159, 63.0203, 76.1611
YIQ	205.9210, -15.9550, -2.6990

Conversions

Conversions Part 2

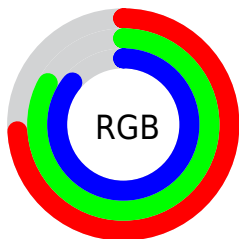
Format	Color
R _{YB}	189, 202, 219
Decimal	12440795
CIE Lab	83.45, -6.25, -6.07
CIE LCh	83, 8.711, 224.131
Yxy	63.0203, 0.2917, 0.3207
Android (android.graphics.Color)	4290630875 (0xFFBDD4DB)
YUV	205.9210, 6.4479, -14.8397
Hunter-Lab	79.3853, -10.0480, -1.3122

Details

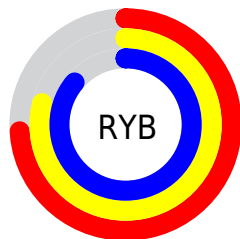
The XYZ color **57.3159, 63.0203, 76.1611** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.1389, 58.2137, 56.3172**, and the grayscale version is **58.5845, 61.6355, 67.1211**.

A 20% lighter version of the original color is **91.4662, 98.1525, 108.7323**, and **28.7495, 31.9452, 39.7727** is the 20% darker color. If you saturate the color by 10%, you get **51.0321, 57.9169, 75.5082**, and if you desaturate by 10%, it is **64.4641, 68.6326, 76.8686**.

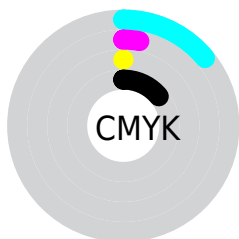
Distribution



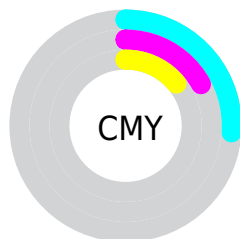
- Red (74%)
- Green (83%)
- Blue (86%)



- Red (74%)
- Yellow (79%)
- Blue (86%)



- Cyan (14%)
- Magenta (3%)
- Yellow (0%)
- Black (14%)



- Cyan (26%)
- Magenta (17%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.3159, 63.0203, 76.1611 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 57.3159, 63.0203, 76.1611 by changing the saturation by 10% instead.

■ 57.3159, 63.0203,
76.1611

■ 57.3159, 63.0203,
76.1611

404.6270,
435.6432, 501.2605

■ 41.5000, 45.8576,
56.0572

■ 100.0547,
109.1988, 129.7168

■ 28.8994, 32.1335,
39.8445

127.7083,
138.9834, 164.0056

■ 19.1486, 21.4635,
27.1044

160.0386,
173.7441, 203.8598

■ 11.8824, 13.4632,
17.4185

197.4109,
213.8654, 249.6980

■ 6.7353, 7.7483,
10.3682

240.1905,
259.7315, 301.9385

■ 3.3419, 3.9343,
5.5350

288.7428,

■ 1.3371, 1.6369,

311.7269, 361.0001

2.5003

343.4332,
370.2360, 427.3013

■ 0.2107, 0.3823,
0.8403

■ 0.0000, 0.0000,
0.0000

■ 57.3159, 63.0203,
76.1611

■ 57.3159, 63.0203,
76.1611

■ 51.0321, 57.9169,
75.5082

■ 64.4641, 68.6326,
76.8686

■ 45.5701, 53.2949,
74.9040

■ 72.5058, 74.7644,
77.6283

■ 40.8920, 49.1358,
74.3478

■ 81.4757, 81.4358,
78.4433

■ 36.9545, 45.4169,
73.8375

■ 83.0057, 84.3333,
78.9219

■ 33.7100, 42.1130,
73.3708

■ 84.4681, 87.2579,
79.4094

■ 31.1051, 39.1959,
72.9450

■ 85.9726, 90.2670,
79.9109

■ 29.0781, 36.6334,
72.5572

■ 87.5196, 93.3610,
80.4265

■ 27.5544, 34.3863,
72.2038

■ 89.1094, 96.5407,
80.9565

■ 26.7751, 33.0920,
71.9950

■ 89.7864, 97.8945,
81.1821

Harmonies

Analogous

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



56.4270, 63.0203, 71.2034



57.3159, 63.0203, 76.1611



58.9059, 63.0203, 79.1777

Triad

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



57.3159, 63.0203, 76.1611



63.4806, 63.0203, 71.5181



59.0118, 63.0203, 58.9680

Complementary

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



57.3159, 63.0203, 76.1611



58.1389, 58.2137, 56.3172

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.



60.9030, 63.0203, 59.0423



57.3159, 63.0203, 76.1611



63.5104, 63.0203, 66.0967

Square

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



57.3159, 63.0203, 76.1611



62.4777, 63.0203, 76.4019



62.5584, 63.0203, 61.5909



57.3920, 63.0203, 61.3823

Rectangle

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



57.3159, 63.0203, 76.1611



60.1623, 63.0203, 79.5870



62.5584, 63.0203, 61.5909



59.6363, 63.0203, 58.7069

Sweetspot

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



57.3177, 63.0229, 76.1625



90.6422, 96.6081, 108.4776



56.2258, 65.4457, 61.5965



19.2287, 20.5444, 23.2020



0.0000, 0.0000, 0.0000



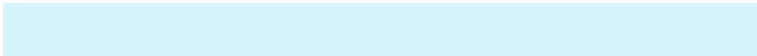
20.3446, 21.4041, 23.3091

Same Dimension

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



57.3177, 63.0229, 76.1625



78.6391, 87.1445, 107.2836



53.8534, 56.0943, 75.0077



13.1741, 14.2878, 16.7156



15.9635, 19.7964, 42.7181



1.0980, 1.4100, 2.7887

Inverse Universe

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



59.2961, 56.2099, 70.0148



81.8927, 76.0766, 97.1425



61.5700, 65.0757, 57.4609



13.4777, 13.2202, 15.7769



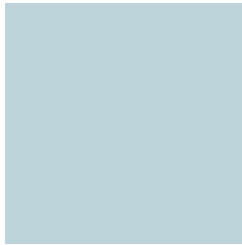
21.5529, 10.6222, 23.0896



1.4285, 0.7010, 1.6653

Previews

White Background



This preview shows how the XYZ color 57.3159, 63.0203, 76.1611 looks on a white background.

Color Contrast Check

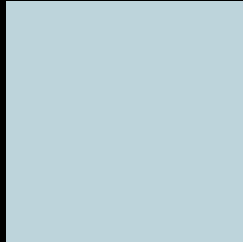
Large Text (above 18pt) WCAG AA × Fail

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 57.3159, 63.0203, 76.1611 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

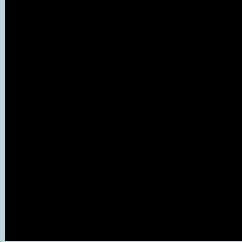
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

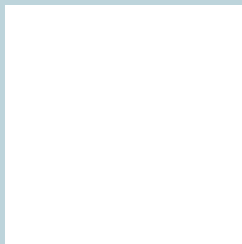
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.3159, 63.0203, 76.1611

Background



This preview shows how black text looks on a background with the XYZ color 57.3159, 63.0203, 76.1611.



This preview shows how white text looks on a background with the XYZ color 57.3159, 63.0203,

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

57.3159, 63.0203, 76.1611

Protanopia

60.7605, 62.6558, 73.8571

Deuteranopia

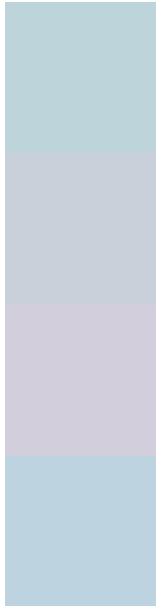
64.2959, 62.9911, 77.1764



Tritanopia

58.6453, 63.2109, 81.7830

Trichromacy



Original Color

57.3159, 63.0203, 76.1611

Protanomaly

59.4374, 62.6781, 74.6110

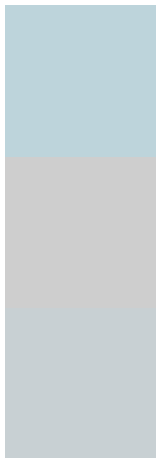
Deuteranomaly

61.5679, 63.0116, 76.6276

Tritanomaly

57.9840, 62.9175, 79.6092

Monochromacy



Original Color

57.3159, 63.0203, 76.1611

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.1332, 62.0943, 70.5495

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3159, 63.0203, 76.1611 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(189, 212, 219)` looks like.

```
.text, #text, p{  
    color:rgb(189, 212, 219)  
}
```

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(189, 212, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 212, 219) }
```

Border

The CSS property to change the border of an element to XYZ 57.3159, 63.0203, 76.1611 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(189, 212, 219) }
```


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

```
.border{ border-color:rgb(189, 212, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 212, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 212, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 212, 219);  
box-shadow:4px 4px 4px 4px rgb(189, 212,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3159, 63.0203, 76.1611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 212, 219) }
```

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

```
.background{ background-color: rgb(189,  
212, 219) }
```

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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