

Converting Colors

XYZ(62.0759, 68.8305, 80.5349)

Have a look what the booklet for
XYZ(62.0759, 68.8305, 80.5349)
contains.

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Color

**XYZ(62.0759, 68.8305,
80.5349)**

Conversions

Conversions Part 1

Format	Color
Hex	C4DDE0
RGB	196, 221, 224
RGB Percent	77%, 87%, 88%
CMY	0.2314, 0.1333, 0.1216
CMYK	0.12, 0.01, 0.00, 0.12
HSL	186°, 31%, 82%
HSV	186°, 12%, 88%
XYZ	62.0759, 68.8305, 80.5349
YIQ	213.8670, -15.8630, -4.3670

Conversions

Conversions Part 2

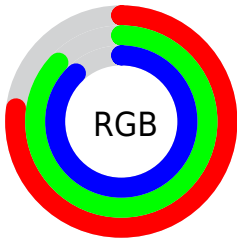
Format	Color
R _Y B	196, 209, 224
Decimal	12901856
CIE Lab	86.42, -7.66, -4.29
CIE LCh	86, 8.775, 209.236
Yxy	68.8305, 0.2936, 0.3255
Android (android.graphics.Color)	4291091936 (0xFFC4DDE0)
YUV	213.8670, 4.9956, -15.6694
Hunter-Lab	82.9641, -11.6290, 0.5210

Details

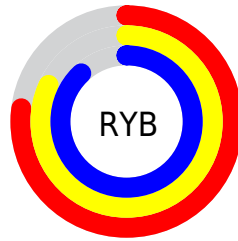
The XYZ color **62.0759, 68.8305, 80.5349** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.1280, 60.6793, 60.7160**, and the grayscale version is **63.8038, 67.1266, 73.1008**.

A 20% lighter version of the original color is **94.3180, 99.6226, 108.8657**, and **31.9530, 35.8878, 42.7791** is the 20% darker color. If you saturate the color by 10%, you get **56.0509, 64.7933, 80.0743**, and if you desaturate by 10%, it is **68.9838, 73.3399, 81.0423**.

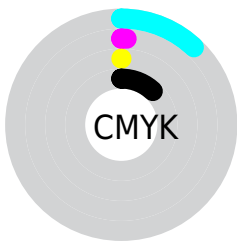
Distribution



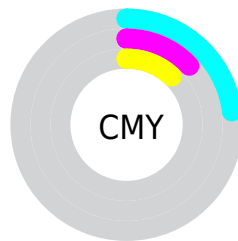
- Red (77%)
- Green (87%)
- Blue (88%)



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



- Cyan (12%)
- Magenta (1%)
- Yellow (0%)
- Black (12%)



- Cyan (23%)
- Magenta (13%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.0759, 68.8305, 80.5349 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 62.0759, 68.8305, 80.5349 by changing the saturation by 10% instead.

■ 62.0759, 68.8305,
80.5349

■ 62.0759, 68.8305,
80.5349

421.9210,
456.4329, 516.4879

■ 45.3499, 50.5737,
59.6299

106.9245,
117.5394, 135.9357

■ 31.9355, 35.8694,
42.6970

135.7779,
148.7604, 171.2685

■ 21.4676, 24.3334,
29.3178

169.4043,
185.0714, 212.2477

■ 13.5806, 15.5811,
19.0737

208.1692,
226.8571, 259.2918

■ 7.9093, 9.2282,
11.5462

252.4380,
274.5016, 312.8193

■ 4.0883, 4.8903,
6.3167

302.5760,

■ 1.7522, 2.1831,

328.3895, 373.2488

2.9667

358.9486,
388.9052, 440.9988

■ 0.4886, 0.7107,
1.0777

■ 0.0000, 0.0000,
0.0000

■ 62.0759, 68.8305,
80.5349

■ 62.0759, 68.8305,
80.5349

■ 56.0509, 64.7933,
80.0743

■ 68.9838, 73.3399,
81.0423

■ 50.8644, 61.2000,
79.6541

■ 76.8047, 78.3317,
81.5936

■ 46.4771, 58.0319,
79.2738

■ 82.4924, 82.2372,
82.0477

■ 42.8440, 55.2659,
78.9314

■ 83.1573, 83.5669,
82.2693

■ 39.9159, 52.8765,
78.6245

■ 83.8313, 84.9151,
82.4940

■ 37.6374, 50.8352,
78.3506

■ 84.5146, 86.2817,
82.7217

■ 35.9450, 49.1091,
78.1066

■ 85.2072, 87.6667,
82.9526

■ 34.7621, 47.6586,
77.8890

■ 85.9090, 89.0704,
83.1865

■ 34.1155, 46.7033,
77.7387

■ 86.6202, 90.4928,
83.4236

Harmonies

Analogous

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



61.5976, 68.8305, 74.7959



62.0759, 68.8305, 80.5349



63.4461, 68.8305, 84.9607

Triad

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



62.0759, 68.8305, 80.5349



68.8310, 68.8305, 80.8059



65.4734, 68.8305, 64.3192

Complementary

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



62.0759, 68.8305, 80.5349



61.1280, 60.6793, 60.7160

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.



67.4371, 68.8305, 65.7486



62.0759, 68.8305, 80.5349



69.4001, 68.8305, 75.0938

Square

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



62.0759, 68.8305, 80.5349



67.3452, 68.8305, 85.1227



68.8848, 68.8305, 69.6194



63.5344, 68.8305, 65.6122

Rectangle

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



62.0759, 68.8305, 80.5349



64.6955, 68.8305, 86.4650



68.8848, 68.8305, 69.6194



66.1526, 68.8305, 64.4960

Sweetspot

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



62.0779, 68.8334, 80.5364



91.0492, 97.4220, 108.6133



59.7073, 69.1625, 64.1150



19.3320, 20.7511, 23.2364



0.0000, 0.0000, 0.0000



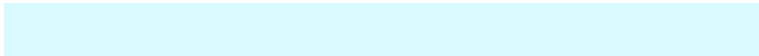
20.3446, 21.4041, 23.3091

Same Dimension

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



62.0779, 68.8334, 80.5364



81.0589, 90.8693, 107.8750



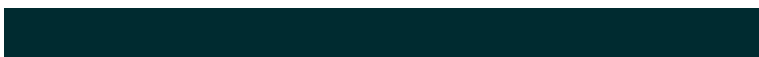
58.5819, 61.8413, 79.3711



13.9847, 15.3086, 17.6055



19.9086, 27.2868, 45.2659



1.4164, 1.9642, 3.1497

Inverse Universe

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



63.5331, 60.5489, 76.7486



83.3863, 77.7160, 101.7951



64.4493, 67.3219, 61.8232



14.2285, 13.9090, 16.9735



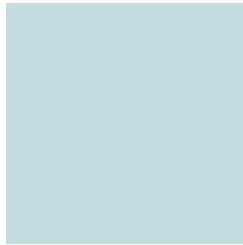
23.9892, 11.6627, 32.9383



1.6812, 0.8157, 2.3799

Previews

White Background



This preview shows how the XYZ color 62.0759, 68.8305, 80.5349 looks on a white background.

Color Contrast Check

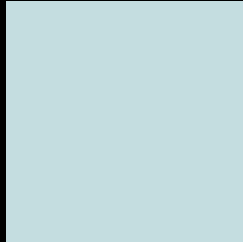
Large Text (above 18pt) WCAG AA × Fail

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 62.0759, 68.8305, 80.5349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

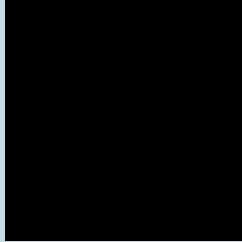
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

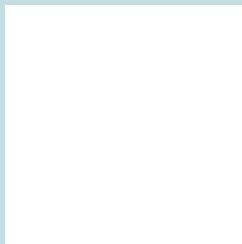
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.0759, 68.8305, 80.5349

Background



This preview shows how black text looks on a background with the XYZ color 62.0759, 68.8305, 80.5349.



This preview shows how white text looks on a background with the XYZ color 62.0759, 68.8305,

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

62.0759, 68.8305, 80.5349

Protanopia

66.1321, 68.6736, 77.4799

Deuteranopia

69.8066, 68.2477, 81.4454



Tritanopia

63.7605, 68.7249, 89.2616

Trichromacy



Original Color

62.0759, 68.8305, 80.5349

Protanomaly

64.4423, 68.5478, 78.2412

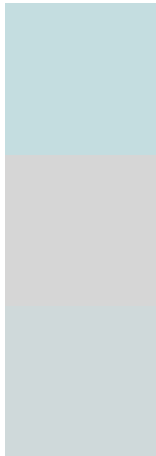
Deuteranomaly

66.5983, 68.0848, 80.8657

Tritanomaly

63.1846, 68.8829, 86.3095

Monochromacy



Original Color

62.0759, 68.8305, 80.5349

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

63.1999, 67.9531, 76.1149

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.0759, 68.8305, 80.5349 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, 221, 224) looks like.

```
.text, #text, p{  
    color:rgb(196, 221, 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, 221, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 221, 224) }
```

Border

The CSS property to change the border of an element to XYZ 62.0759, 68.8305, 80.5349 is called "border". The border property can be set on classes, ids or directly on the HTML element.

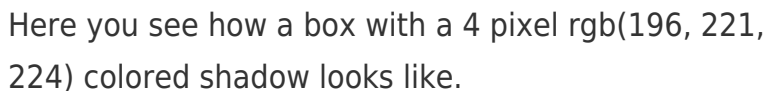
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 221, 224) }
```


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

```
.border{ border-color:rgb(196, 221, 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, 221, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 221, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 221, 224);  
box-shadow:4px 4px 4px 4px rgb(196, 221,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 62.0759, 68.8305, 80.5349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 221, 224) }
```

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

```
.background{ background-color: rgb(196,  
221, 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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