

Converting Colors

XYZ(58.6460, 62.4053, 79.4146)

Have a look what the booklet for
XYZ(58.6460, 62.4053, 79.4146)
contains.

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Color

**XYZ(58.7607, 62.5848,
79.5041)**

Conversions

Conversions Part 1

Format	Color
Hex	C3D1E0
RGB	195, 209, 224
RGB Percent	76%, 82%, 88%
CMY	0.2353, 0.1804, 0.1216
CMYK	0.13, 0.07, 0.00, 0.12
HSL	211°, 32%, 82%
HSV	211°, 13%, 88%
XYZ	58.7607, 62.5848, 79.5041
YIQ	206.5240, -13.1590, 1.6970

Conversions

Conversions Part 2

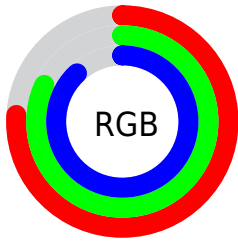
Format	Color
R _Y B	195, 204, 224
Decimal	12833248
CIE Lab	83.22, -1.74, -9.02
CIE LCh	83, 9.189, 259.066
Yxy	62.5848, 0.2926, 0.3116
Android (android.graphics.Color)	4291023328 (0xFFC3D1E0)
YUV	206.5240, 8.6157, -10.1065
Hunter-Lab	79.1106, -5.8596, -4.2076

Details

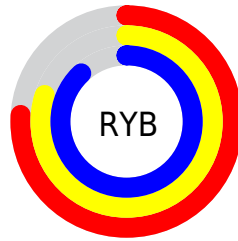
The XYZ color **58.7607, 62.5848, 79.5041** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.6379, 65.8805, 60.9932**, and the grayscale version is **58.9561, 62.0264, 67.5467**.

A 20% lighter version of the original color is **93.9549, 99.4354, 108.8487**, and **29.8673, 31.9700, 42.1328** is the 20% darker color. If you saturate the color by 10%, you get **50.6623, 54.3444, 78.3414**, and if you desaturate by 10%, it is **67.9378, 71.6913, 80.7791**.

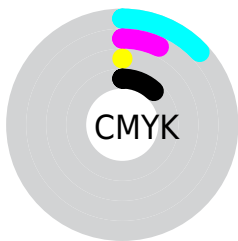
Distribution



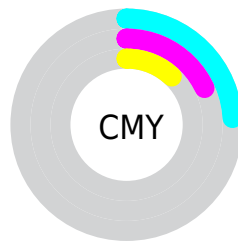
- Red (76%)
- Green (82%)
- Blue (88%)



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



- Cyan (13%)
- Magenta (7%)
- Yellow (0%)
- Black (12%)



- Cyan (24%)
- Magenta (18%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.7607, 62.5848, 79.5041 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 58.7607, 62.5848, 79.5041 by changing the saturation by 10% instead.

■ 58.7607, 62.5848,
79.5041

■ 58.7607, 62.5848,
79.5041

409.9229,
434.0611, 512.9227

■ 42.6661, 45.5054,
58.7866

102.1464,
108.5703, 134.4734

■ 29.8166, 31.8557,
42.0225

130.1683,
138.2452, 169.5623

■ 19.8468, 21.2513,
28.7932

162.8966,
172.8873, 210.2787

■ 12.3914, 13.3078,
18.6802

200.6968,
212.8811, 257.0411

■ 7.0849, 7.6409,
11.2650

243.9341,
258.6110, 310.2683

■ 3.5621, 3.8660,
6.1289

292.9740,

■ 1.4575, 1.5989,

310.4614, 370.3785

2.8536

348.1818,
368.8166, 437.7905

■ 0.2966, 0.3569,
1.0204

■ 0.0000, 0.0000,
0.0000

■ 58.7607, 62.5848,
79.5041

■ 58.7607, 62.5848,
79.5041

■ 50.6623, 54.3444,
78.3414

■ 67.9378, 71.6913,
80.7791

■ 43.5940, 46.9338,
77.2835

■ 78.2282, 81.6833,
82.1654

■ 37.5118, 40.3252,
76.3285

■ 86.9724, 91.1973,
83.5409

■ 32.3659, 34.4860,
75.4726

■ 90.4547, 98.1619,
84.7017

■ 28.1022, 29.3810,
74.7120

■ 24.6598, 24.9714,
74.0423

■ 21.9696, 21.2139,
73.4588

■ 19.9486, 18.0574,
72.9561

■ 18.8341, 16.1406,
72.6448

Harmonies

Analogous

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



57.0081, 62.5848, 76.7809



58.7607, 62.5848, 79.5041



60.7462, 62.5848, 79.0583

Triad

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



58.7607, 62.5848, 79.5041



63.1828, 62.5848, 64.6198



56.6352, 62.5848, 61.2001

Complementary

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



58.7607, 62.5848, 79.5041



63.6379, 65.8805, 60.9932

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.



58.2413, 62.5848, 58.2839



58.7607, 62.5848, 79.5041



62.0326, 62.5848, 60.1808

Square

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



58.7607, 62.5848, 79.5041



63.3295, 62.5848, 70.2482



60.2152, 62.5848, 57.9215



55.7993, 62.5848, 66.0826

Rectangle

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



58.7607, 62.5848, 79.5041



61.9342, 62.5848, 77.0303



60.2152, 62.5848, 57.9215



57.1012, 62.5848, 59.9692

Sweetspot

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



58.7625, 62.5874, 79.5055



89.7367, 94.7970, 108.1758



60.7933, 69.5669, 71.1867



18.9993, 20.0856, 23.1255



0.0000, 0.0000, 0.0000



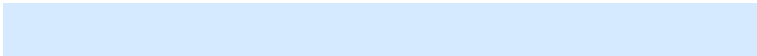
20.3446, 21.4041, 23.3091

Same Dimension

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



58.7625, 62.5874, 79.5055



75.2344, 80.3351, 106.1487



55.6017, 56.0800, 78.4160



13.4955, 14.3301, 17.4424



11.0767, 9.6229, 42.3220



0.8571, 0.8457, 2.9633

Inverse Universe

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



61.7657, 59.4824, 68.5503



80.1742, 75.3892, 88.0927



67.0979, 73.0227, 62.1894



13.9816, 13.8103, 15.6731



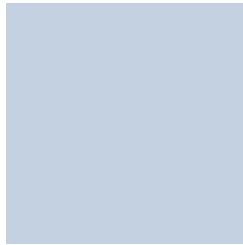
19.5312, 9.8795, 9.4630



1.3989, 0.7028, 0.8934

Previews

White Background



This preview shows how the XYZ color 58.7607, 62.5848, 79.5041 looks on a white background.

Color Contrast Check

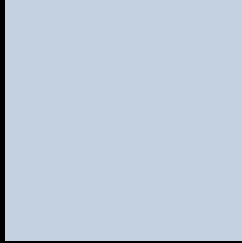
Large Text (above 18pt) WCAG AA × Fail

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 58.7607, 62.5848, 79.5041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

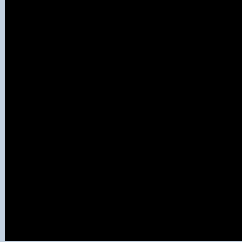
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

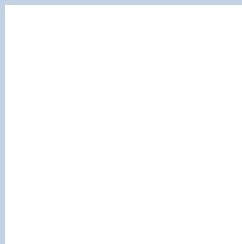
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.7607, 62.5848, 79.5041

Background



This preview shows how black text looks on a background with the XYZ color 58.7607, 62.5848, 79.5041.



This preview shows how white text looks on a background with the XYZ color 58.7607, 62.5848,

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

58.7607, 62.5848, 79.5041

Protanopia

60.7097, 62.5384, 77.9786

Deuteranopia

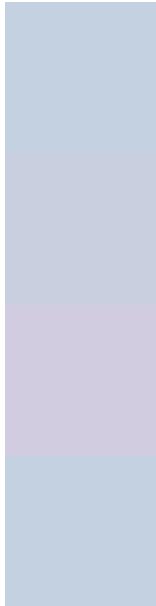
63.8275, 62.3243, 80.6172



Tritanopia

58.8967, 62.6393, 80.2206

Trichromacy



Original Color

58.7607, 62.5848, 79.5041

Protanomaly

59.9892, 62.5099, 78.7159

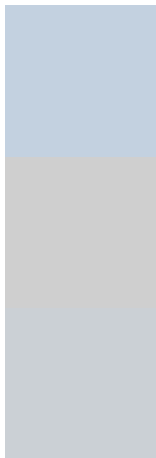
Deuteranomaly

61.7618, 62.3236, 80.0086

Tritanomaly

58.8967, 62.6393, 80.2206

Monochromacy



Original Color

58.7607, 62.5848, 79.5041

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 58.7607, 62.5848, 79.5041 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, 209, 224) looks like.

```
.text, #text, p{  
    color:rgb(195, 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(195, 209, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 209, 224) }
```

Border

The CSS property to change the border of an element to XYZ 58.7607, 62.5848, 79.5041 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, 209, 224) }
```


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

```
.border{ border-color:rgb(195, 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(195, 209, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 209, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 209, 224);  
box-shadow:4px 4px 4px 4px rgb(195, 209,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 58.7607, 62.5848, 79.5041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 209, 224) }
```

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

```
.background{ background-color: rgb(195,  
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](#).

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