

Converting Colors

XYZ(60.0366, 64.0081, 78.2986)

Have a look what the booklet for
XYZ(60.0366, 64.0081, 78.2986)
contains.

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Color

**XYZ(60.0323, 64.0046,
78.2973)**

Conversions

Conversions Part 1

Format	Color
Hex	C7D3DE
RGB	199, 211, 222
RGB Percent	78%, 83%, 87%
CMY	0.2196, 0.1725, 0.1294
CMYK	0.10, 0.05, 0.00, 0.13
HSL	209°, 26%, 83%
HSV	209°, 10%, 87%
XYZ	60.0323, 64.0046, 78.2973
YIQ	208.6660, -10.6830, 0.8770

Conversions

Conversions Part 2

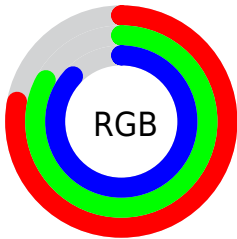
Format	Color
RYB	199, 207, 222
Decimal	13095902
CIELab	83.97, -1.90, -6.82
CIELCh	84, 7.082, 254.419
Yxy	64.0046, 0.2967, 0.3163
Android (android.graphics.Color)	4291285982 (0xFFC7D3DE)
YUV	208.6660, 6.5737, -8.4771
Hunter-Lab	80.0029, -6.0628, -2.0240

Details

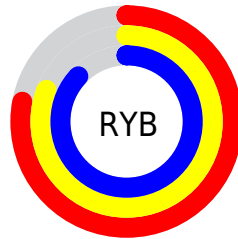
The XYZ color **60.0323, 64.0046, 78.2973** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.4799, 65.7459, 63.3785**, and the grayscale version is **60.3519, 63.4949, 69.1459**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.7091, 32.9237, 41.2956** is the 20% darker color. If you saturate the color by 10%, you get **52.0161, 56.0874, 77.1926**, and if you desaturate by 10%, it is **69.0856, 72.7184, 79.5031**.

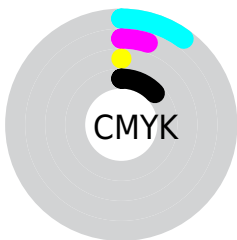
Distribution



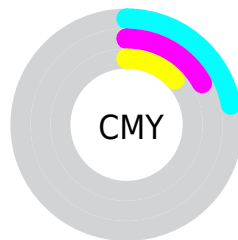
- Red (78%)
- Green (83%)
- Blue (87%)



- Red (78%)
- Yellow (81%)
- Blue (87%)



- Cyan (10%)
- Magenta (5%)
- Yellow (0%)
- Black (13%)



- Cyan (22%)
- Magenta (17%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.0323, 64.0046, 78.2973 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 60.0323, 64.0046, 78.2973 by changing the saturation by 10% instead.

■ 60.0323, 64.0046,
78.2973

■ 60.0323, 64.0046,
78.2973

414.5497,
439.2063, 508.7306

■ 43.6942, 46.6544,
57.8003

103.9826,
110.6176, 132.7588

■ 30.6271, 32.7625,
41.2345

132.3255,
140.6491, 167.5605

■ 20.4655, 21.9446,
28.1813

165.4008,
175.6766, 207.9674

■ 12.8441, 13.8162,
18.2221

203.5738,
216.0843, 254.3982

■ 7.3975, 7.9929,
10.9385

247.2098,
262.2568, 307.2713

■ 3.7605, 4.0904,
5.9118

296.6742,

■ 1.5675, 1.7243,

314.5783, 367.0054

2.7236

352.3324,
373.4333, 434.0190

■ 0.3711, 0.4393,
0.9553

■ 0.0000, 0.0000,
0.0000

■ 60.0323, 64.0046,
78.2973

■ 60.0323, 64.0046,
78.2973

■ 52.0161, 56.0874,
77.1926

■ 69.0856, 72.7184,
79.5031

■ 44.9912, 48.9331,
76.1820

■ 79.2086, 82.2452,
80.8084

■ 38.9161, 42.5169,
75.2637

■ 86.4302, 90.5444,
82.0297

■ 33.7443, 36.8095,
74.4347

■ 89.6965, 97.0771,
83.1185

■ 29.4249, 31.7794,
73.6914

■ 90.1850, 98.0540,
83.2813

■ 25.9016, 27.3918,
73.0302

■ 23.1102, 23.6078,
72.4469

■ 20.9751, 20.3823,
71.9369

■ 19.4139, 17.7317,
71.5076

Harmonies

Analogous

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



58.7170, 64.0046, 75.8776



60.0323, 64.0046, 78.2973



61.5845, 64.0046, 78.3460

Triad

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



60.0323, 64.0046, 78.2973



63.7862, 64.0046, 67.5726



58.7590, 64.0046, 63.7325

Complementary

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



60.0323, 64.0046, 78.2973



63.4799, 65.7459, 63.3785

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.



60.0905, 64.0046, 61.6965



60.0323, 64.0046, 78.2973



63.0022, 64.0046, 63.8485

Square

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



60.0323, 64.0046, 78.2973



63.7699, 64.0046, 72.0232



61.6437, 64.0046, 61.7381



57.9905, 64.0046, 67.4080

Rectangle

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



60.0323, 64.0046, 78.2973



62.5458, 64.0046, 77.0200



61.6437, 64.0046, 61.7381



59.1546, 64.0046, 62.8407

Sweetspot

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



60.0342, 64.0073, 78.2987



91.1355, 96.2663, 108.3856



61.2752, 69.0256, 70.8936



19.2877, 20.3950, 23.1700



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.



60.0342, 64.0073, 78.2987



80.1835, 85.6691, 106.9174



57.3395, 58.6179, 77.4005



13.5409, 14.4210, 17.4575



11.6434, 10.7564, 42.5109



0.8966, 0.9246, 2.9765

Inverse Universe

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



62.3070, 61.0810, 70.1370



83.7864, 81.0998, 93.9638



66.3521, 71.4904, 64.3359



14.0045, 13.8194, 15.7939



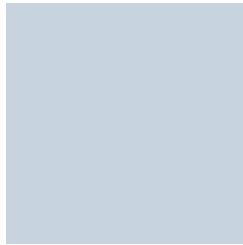
19.8173, 9.9939, 10.9694



1.4188, 0.7108, 0.9983

Previews

White Background



This preview shows how the XYZ color 60.0323, 64.0046, 78.2973 looks on a white background.

Color Contrast Check

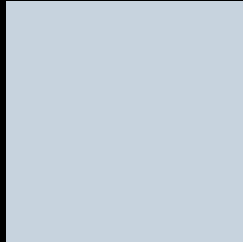
Large Text (above 18pt) WCAG AA × Fail

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 60.0323, 64.0046, 78.2973 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

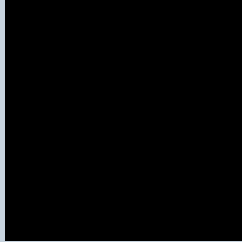
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

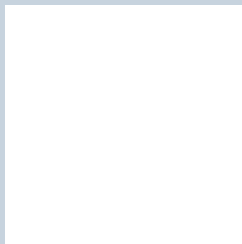
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.0323, 64.0046, 78.2973

Background



This preview shows how black text looks on a background with the XYZ color 60.0323, 64.0046, 78.2973.

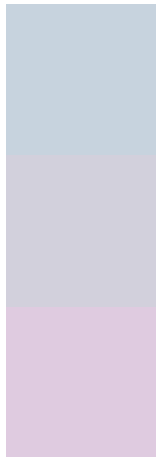


This preview shows how white text looks on a background with the XYZ color 60.0323, 64.0046,

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

60.0323, 64.0046, 78.2973

Protanopia

62.0525, 63.9807, 76.7891

Deuteranopia

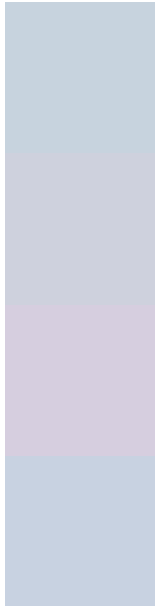
65.2419, 63.7817, 79.3935



Tritanopia

60.7311, 63.9186, 81.8097

Trichromacy



Original Color

60.0323, 64.0046, 78.2973

Protanomaly

61.3052, 63.9432, 77.5178

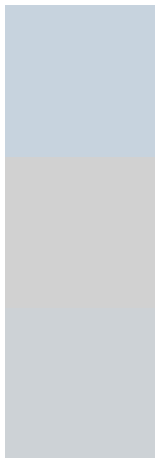
Deuteranomaly

63.1221, 63.7665, 78.7933

Tritanomaly

60.4566, 63.8088, 80.3641

Monochromacy



Original Color

60.0323, 64.0046, 78.2973

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.3610, 63.9274, 72.7762

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.0323, 64.0046, 78.2973 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(199, 211, 222) looks like.

```
.text, #text, p{  
    color:rgb(199, 211, 222)  
}
```

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(199, 211, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 211, 222) }
```

Border

The CSS property to change the border of an element to XYZ 60.0323, 64.0046, 78.2973 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(199, 211, 222) }
```


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

```
.border{ border-color:rgb(199, 211, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 211, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 211, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 211, 222);  
box-shadow:4px 4px 4px 4px rgb(199, 211,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0323, 64.0046, 78.2973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 211, 222) }
```

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

```
.background{ background-color: rgb(199,  
211, 222) }
```

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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