

Converting Colors

XYZ(60.5106, 67.2772, 78.9049)

Have a look what the booklet for
XYZ(60.5106, 67.2772, 78.9049)
contains.

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Color

**XYZ(60.5087, 67.2744,
78.9034)**

Conversions

Conversions Part 1

Format	Color
Hex	C1DBDE
RGB	193, 219, 222
RGB Percent	76%, 86%, 87%
CMY	0.2431, 0.1412, 0.1294
CMYK	0.13, 0.01, 0.00, 0.13
HSL	186°, 31%, 81%
HSV	186°, 13%, 87%
XYZ	60.5087, 67.2744, 78.9034
YIQ	211.5680, -16.4590, -4.5790

Conversions

Conversions Part 2

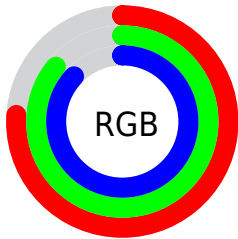
Format	Color
RYB	193, 207, 222
Decimal	12704734
CIELab	85.64, -7.99, -4.40
CIELCh	86, 9.117, 208.834
Yxy	67.2744, 0.2928, 0.3255
Android (android.graphics.Color)	4290894814 (0xFFC1DBDE)
YUV	211.5680, 5.1430, -16.2841
Hunter-Lab	82.0210, -11.8533, 0.3783

Details

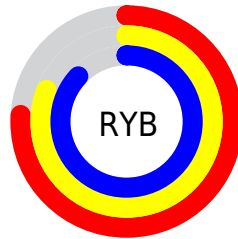
The XYZ color **60.5087, 67.2744, 78.9034** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.4903, 58.8597, 58.6790**, and the grayscale version is **62.2690, 65.5119, 71.3424**.

A 20% lighter version of the original color is **93.2343, 99.0640, 108.8150**, and **30.8980, 34.8299, 41.6536** is the 20% darker color. If you saturate the color by 10%, you get **54.6748, 63.3862, 78.4614**, and if you desaturate by 10%, it is **67.2043, 71.6226, 79.3909**.

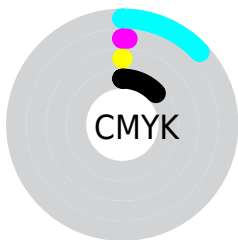
Distribution



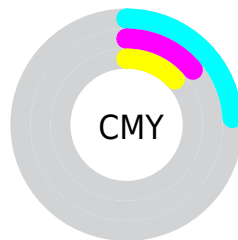
- Red (76%)
- Green (86%)
- Blue (87%)



- Red (76%)
- Yellow (81%)
- Blue (87%)



- Cyan (13%)
- Magenta (1%)
- Yellow (0%)
- Black (13%)



- Cyan (24%)
- Magenta (14%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.5087, 67.2744, 78.9034 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 60.5087, 67.2744, 78.9034 by changing the saturation by 10% instead.

60.5087, 67.2744,
78.9034

60.5087, 67.2744,
78.9034

416.2750,
450.9209, 510.8385

44.0798, 49.3077,
58.2955

104.6694,
115.3135, 133.6203

30.9314, 34.8636,
41.6300

133.1319,
146.1547, 168.5664

20.6982, 23.5578,
28.4883

166.3364,
182.0561, 209.1290

13.0148, 15.0059,
18.4518

204.6481,
223.4022, 255.7267

7.5158, 8.8236,
11.1021

248.4325,
270.5773, 308.7779

3.8359, 4.6263,
6.0205

298.0549,

1.6097, 2.0297,

323.9658, 368.7012

2.7886

353.8806,
383.9522, 435.9153

■ 0.3987, 0.6246,
0.9877

■ 0.0000, 0.0000,
0.0000

■ 60.5087, 67.2744,
78.9034

■ 60.5087, 67.2744,
78.9034

■ 54.6748, 63.3862,
78.4614

■ 67.2043, 71.6226,
79.3909

■ 49.6589, 59.9302,
78.0587

■ 74.7911, 76.4408,
79.9210

■ 45.4225, 56.8880,
77.6948

■ 81.5908, 80.8656,
80.4167

■ 41.9214, 54.2371,
77.3677

■ 82.2185, 82.1209,
80.6259

■ 39.1070, 51.9523,
77.0750

■ 82.8545, 83.3930,
80.8379

■ 36.9250, 50.0054,
76.8142

■ 83.4990, 84.6820,
81.0527

■ 35.3125, 48.3641,
76.5824

■ 84.1519, 85.9878,
81.2704

■ 34.1938, 46.9893,
76.3760

■ 84.8133, 87.3106,
81.4908

■ 33.6219, 46.1477,
76.2437

■ 85.4832, 88.6503,
81.7141

Harmonies

Analogous

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



60.0337, 67.2744, 73.0180



60.5087, 67.2744, 78.9034



61.8986, 67.2744, 83.4747

Triad

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



60.5087, 67.2744, 78.9034



67.4192, 67.2744, 79.3276



64.0236, 67.2744, 62.4046

Complementary

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



60.5087, 67.2744, 78.9034



59.4903, 58.8597, 58.6790

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.



66.0305, 67.2744, 63.8970



60.5087, 67.2744, 78.9034



68.0169, 67.2744, 73.4833

Square

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



60.5087, 67.2744, 78.9034



65.8868, 67.2744, 83.7288



67.5034, 67.2744, 67.8740



62.0364, 67.2744, 63.6848

Rectangle

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



60.5087, 67.2744, 78.9034



63.1724, 67.2744, 85.0486



67.5034, 67.2744, 67.8740



64.7185, 67.2744, 62.5971

Sweetspot

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



60.5106, 67.2772, 78.9049



91.0611, 97.4458, 108.6172



58.0673, 67.5622, 62.1466



19.3350, 20.7571, 23.2374



0.0000, 0.0000, 0.0000



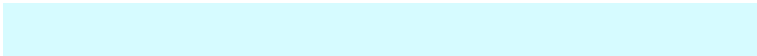
20.3446, 21.4041, 23.3091

Same Dimension

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



60.5106, 67.2772, 78.9049



80.2695, 90.4054, 107.8271



56.9142, 60.0842, 77.7061



13.9892, 15.3176, 17.6070



20.0185, 27.5066, 45.3026



1.4229, 1.9773, 3.1519

Inverse Universe

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



61.9819, 58.7855, 75.1009



82.7157, 76.4058, 101.4761



62.8965, 65.6721, 59.8144



14.2308, 13.9099, 16.9855



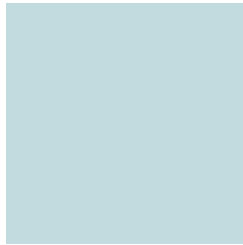
24.0446, 11.6849, 33.2304



1.6845, 0.8171, 2.3973

Previews

White Background



This preview shows how the XYZ color 60.5087, 67.2744, 78.9034 looks on a white background.

Color Contrast Check

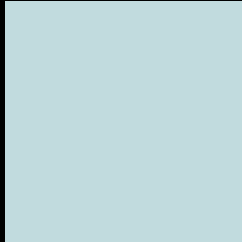
Large Text (above 18pt) WCAG AA × Fail

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 60.5087, 67.2744, 78.9034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

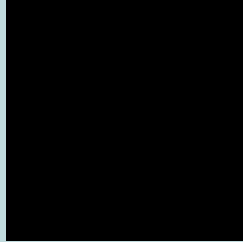
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.5087, 67.2744, 78.9034

Background



This preview shows how black text looks on a background with the XYZ color 60.5087, 67.2744, 78.9034.



This preview shows how white text looks on a background with the XYZ color 60.5087, 67.2744,

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

60.5087, 67.2744, 78.9034

Protanopia

64.7680, 67.2494, 75.8965

Deuteranopia

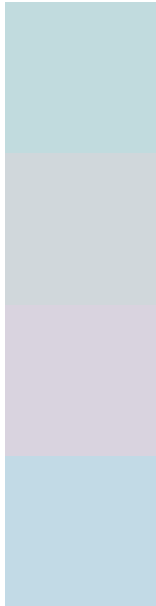
68.4005, 66.8305, 79.8155



Tritanopia

62.1698, 67.1683, 87.5300

Trichromacy



Original Color

60.5087, 67.2744, 78.9034

Protanomaly

63.0990, 67.1252, 76.6486

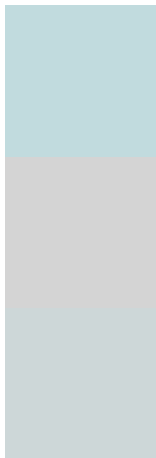
Deuteranomaly

65.2288, 66.6680, 79.2423

Tritanomaly

61.6025, 67.3253, 84.6112

Monochromacy



Original Color

60.5087, 67.2744, 78.9034

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

61.8719, 66.5379, 74.5478

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5087, 67.2744, 78.9034 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(193, 219, 222)` looks like.

```
.text, #text, p{  
    color:rgb(193, 219, 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(193, 219, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 219, 222) }
```

Border

The CSS property to change the border of an element to XYZ 60.5087, 67.2744, 78.9034 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(193, 219, 222) }
```


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

```
.border{ border-color:rgb(193, 219, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 219, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 219, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 219, 222);  
box-shadow:4px 4px 4px 4px rgb(193, 219,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5087, 67.2744, 78.9034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 219, 222) }
```

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

```
.background{ background-color: rgb(193,  
219, 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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