

Converting Colors

XYZ(60.6744, 68.1214, 78.2252)

Have a look what the booklet for
XYZ(60.6744, 68.1214, 78.2252)
contains.

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Color

**XYZ(60.6458, 68.1398,
78.3625)**

Conversions

Conversions Part 1

Format	Color
Hex	C0DDDD
RGB	192, 221, 221
RGB Percent	75%, 87%, 87%
CMY	0.2471, 0.1333, 0.1333
CMYK	0.13, 0.00, 0.00, 0.13
HSL	180°, 30%, 81%
HSV	180°, 13%, 87%
XYZ	60.6458, 68.1398, 78.3625
YIQ	212.3290, -17.2840, -6.1480

Conversions

Conversions Part 2

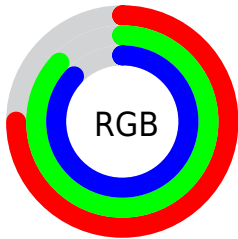
Format	Color
R _{YB}	192, 207, 221
Decimal	12639709
CIE Lab	86.08, -9.53, -3.24
CIE LCh	86, 10.067, 198.757
Yxy	68.1398, 0.2928, 0.3289
Android (android.graphics.Color)	4290829789 (0xFFC0DDDD)
YUV	212.3290, 4.2748, -17.8285
Hunter-Lab	82.5468, -13.3160, 1.4982

Details

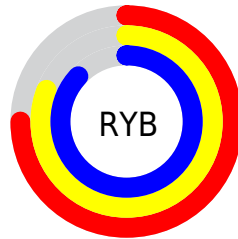
The XYZ color **60.6458, 68.1398, 78.3625** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **58.1853, 56.8790, 57.7842**, and the grayscale version is **62.7804, 66.0499, 71.9283**.

A 20% lighter version of the original color is **92.8769, 98.8797, 108.7983**, and **31.0004, 35.4289, 41.2810** is the 20% darker color. If you saturate the color by 10%, you get **55.4650, 65.4709, 78.1198**, and if you desaturate by 10%, it is **66.6708, 71.2476, 78.6476**.

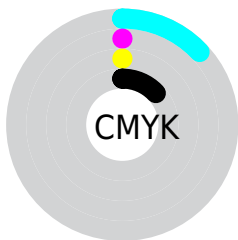
Distribution



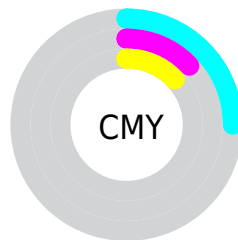
- Red (75%)
- Green (87%)
- Blue (87%)



- Red (75%)
- Yellow (81%)
- Blue (87%)



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



- Cyan (25%)
- Magenta (13%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.6458, 68.1398, 78.3625 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 60.6458, 68.1398, 78.3625 by changing the saturation by 10% instead.

60.6458, 68.1398,
78.3625

60.6458, 68.1398,
78.3625

416.7708,
453.9912, 508.9575

44.1908, 50.0115,
57.8536

104.8669,
116.5521, 132.8515

31.0191, 35.4225,
41.2770

133.3638,
147.6049, 167.6687

20.7653, 23.9885,
28.2143

166.6054,
183.7346, 208.0924

13.0640, 15.3251,
18.2468

204.9570,
225.3257, 254.5412

7.5500, 9.0479,
10.9561

248.7839,
272.7625, 307.4335

3.8577, 4.7724,
5.9235

298.4517,

1.6220, 2.1144,

326.4294, 367.1880

2.7306

354.3255,
386.7108, 434.2232

■ 0.4067, 0.6727,
0.9588

■ 0.0000, 0.0000,
0.0000

■ 60.6458, 68.1398,
78.3625

■ 60.6458, 68.1398,
78.3625

■ 55.4650, 65.4709,
78.1198

■ 66.6708, 71.2476,
78.6476

■ 51.0852, 63.2130,
77.9131


■ 73.5692, 74.8038,
78.9721


■ 47.4682, 61.3484,
77.7422


■ 80.1500, 78.1963,
79.2818


■ 44.5703, 59.8546,
77.6049


■ 80.1503, 78.1964,
79.2835


 42.3437, 58.7068,
77.4990


 80.1506, 78.1966,
79.2852


 40.7345, 57.8772,
77.4220


 80.1510, 78.1967,
79.2869


 39.6805, 57.3339,
77.3710

 80.1513, 78.1968,
79.2886

 39.1067, 57.0381,
77.3424

 80.1516, 78.1969,
79.2903

 38.9062, 56.9348,
77.3319

 80.1519, 78.1971,
79.2920

Harmonies

Analogous

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



60.5016, 68.1398, 71.7378



60.6458, 68.1398, 78.3625



61.8780, 68.1398, 84.1839

Triad

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



60.6458, 68.1398, 78.3625



68.1655, 68.1398, 82.9069



65.6355, 68.1398, 62.3924

Complementary

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



60.6458, 68.1398, 78.3625



58.1853, 56.8790, 57.7842

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.



67.7401, 68.1398, 65.0250



60.6458, 68.1398, 78.3625



69.2238, 68.1398, 76.7028

Square

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



60.6458, 68.1398, 78.3625



66.2049, 68.1398, 86.9134



69.0663, 68.1398, 70.1734



63.3458, 68.1398, 62.7779

Rectangle

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



60.6458, 68.1398, 78.3625



63.1674, 68.1398, 86.7036



69.0663, 68.1398, 70.1734



66.3890, 68.1398, 62.9471

Sweetspot

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



60.6478, 68.1426, 78.3640



91.3963, 98.1165, 108.7281



57.2337, 66.7912, 59.7458



19.4202, 20.9276, 23.2656



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.



60.6478, 68.1426, 78.3640



81.5992, 93.0660, 108.2668



57.1001, 61.0466, 77.1836



13.4449, 14.8296, 16.8056



22.6001, 33.0727, 44.9212



1.4642, 2.1426, 2.9103

Inverse Universe

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



58.1853, 56.8790, 57.7842



77.5010, 74.3199, 74.0158



61.4110, 63.3310, 58.8577



13.0561, 13.0516, 13.5569



17.3223, 8.9299, 0.8112



1.1222, 0.5785, 0.0527

Previews

White Background



This preview shows how the XYZ color 60.6458, 68.1398, 78.3625 looks on a white background.

Color Contrast Check

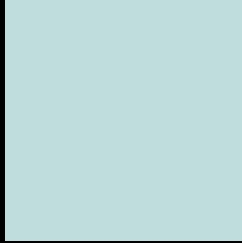
Large Text (above 18pt) WCAG AA × Fail

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 60.6458, 68.1398, 78.3625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

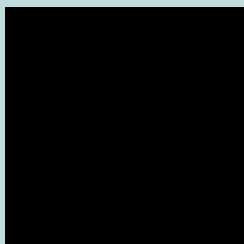
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

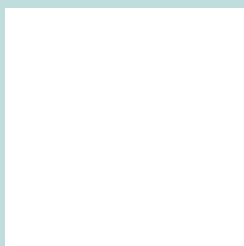
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.6458, 68.1398, 78.3625

Background



This preview shows how black text looks on a background with the XYZ color 60.6458, 68.1398, 78.3625.

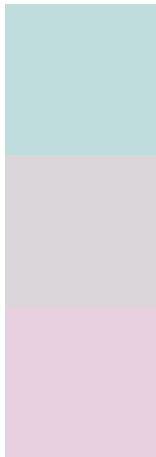


This preview shows how white text looks on a background with the XYZ color 60.6458, 68.1398,

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

60.6458, 68.1398, 78.3625

Protanopia

65.4844, 68.0083, 75.3212

Deuteranopia

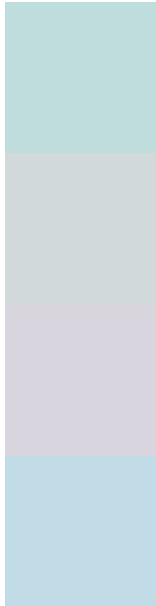
69.2891, 67.6494, 79.9267



Tritanopia

62.9775, 68.3213, 89.2249

Trichromacy



Original Color

60.6458, 68.1398, 78.3625

Protanomaly

63.7622, 68.2430, 76.1412

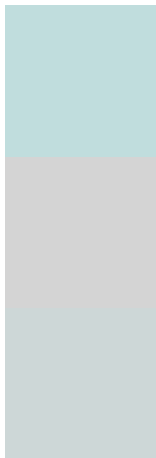
Deuteranomaly

65.7288, 67.6679, 79.4090

Tritanomaly

62.2651, 68.4253, 85.5270

Monochromacy



Original Color

60.6458, 68.1398, 78.3625

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

61.7430, 66.4863, 73.8689

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.6458, 68.1398, 78.3625 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(192, 221, 221)` looks like.

```
.text, #text, p{  
    color:rgb(192, 221, 221)  
}
```

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(192, 221, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 221, 221) }
```

Border

The CSS property to change the border of an element to XYZ 60.6458, 68.1398, 78.3625 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(192, 221, 221) }
```


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

```
.border{ border-color:rgb(192, 221, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 221, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 221, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 221, 221);  
box-shadow:4px 4px 4px 4px rgb(192, 221,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 60.6458, 68.1398, 78.3625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 221, 221) }
```

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

```
.background{ background-color: rgb(192,  
221, 221) }
```

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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