

Converting Colors

XYZ(62.1509, 68.9310, 78.1804)

Have a look what the booklet for
XYZ(62.1509, 68.9310, 78.1804)
contains.

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Color

**XYZ(62.1963, 68.9391,
78.4351)**

Conversions

Conversions Part 1

Format	Color
Hex	C6DDDD
RGB	198, 221, 221
RGB Percent	78%, 87%, 87%
CMY	0.2235, 0.1333, 0.1333
CMYK	0.10, 0.00, 0.00, 0.13
HSL	180°, 25%, 82%
HSV	180°, 10%, 87%
XYZ	62.1963, 68.9391, 78.4351
YIQ	214.1230, -13.7080, -4.8760

Conversions

Conversions Part 2

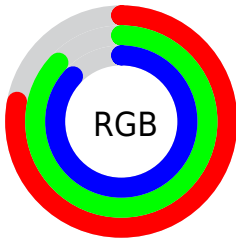
Format	Color
RYB	198, 210, 221
Decimal	13032925
CIELab	86.47, -7.61, -2.61
CIELCh	86, 8.043, 198.913
Yxy	68.9391, 0.2968, 0.3290
Android (android.graphics.Color)	4291223005 (0xFFC6DDDD)
YUV	214.1230, 3.3904, -14.1399
Hunter-Lab	83.0296, -11.5899, 2.1115

Details

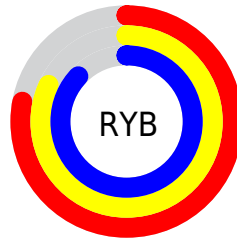
The XYZ color **62.1963, 68.9391, 78.4351** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.2084, 59.8394, 61.8060**, and the grayscale version is **63.9854, 67.3176, 73.3089**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.0208, 35.9549, 41.3287** is the 20% darker color. If you saturate the color by 10%, you get **56.7909, 66.1544, 78.1814**, and if you desaturate by 10%, it is **68.4557, 72.1678, 78.7316**.

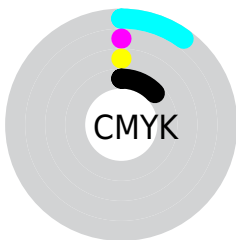
Distribution



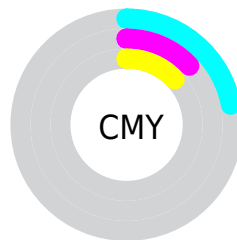
- Red (78%)
- Green (87%)
- Blue (87%)



- Red (78%)
- Yellow (82%)
- Blue (87%)



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.1963, 68.9391, 78.4351 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 62.1963, 68.9391, 78.4351 by changing the saturation by 10% instead.

■ 62.1963, 68.9391,
78.4351

■ 62.1963, 68.9391,
78.4351

422.3529,
456.8162, 509.2102

■ 45.4475, 50.6621,
57.9129

107.0975,
117.6946, 132.9547

■ 32.0129, 35.9398,
41.3244

135.9807,
148.9419, 167.7893

■ 21.5269, 24.3877,
28.2510

169.6394,
185.2814, 208.2316

■ 13.6244, 15.6215,
18.2743

208.4389,
227.0975, 254.7004

■ 7.9398, 9.2567,
10.9756

252.7447,
274.7747, 307.6141

■ 4.1079, 4.9090,
5.9365

302.9221,

■ 1.7634, 2.1940,

328.6972, 367.3913

2.7383

359.3363,
389.2496, 434.4505

■ 0.4955, 0.7167,
0.9626

■ 0.0000, 0.0000,
0.0000

■ 62.1963, 68.9391,
78.4351

■ 62.1963, 68.9391,
78.4351

■ 56.7909, 66.1544,
78.1814

■ 68.4557, 72.1678,
78.7316

■ 52.1968, 63.7861,
77.9643

■ 75.5975, 75.8495,
79.0680

■ 48.3768, 61.8169,
77.7834

■ 80.1503, 78.1964,
79.2832

■ 45.2882, 60.2247,
77.6367

■ 80.1507, 78.1966,
79.2854

42.8843, 58.9855,
77.5220

80.1511, 78.1968,
79.2875

41.1131, 58.0725,
77.4370

80.1515, 78.1969,
79.2897

39.9150, 57.4549,
77.3788

80.1519, 78.1971,
79.2918

39.2193, 57.0962,
77.3441

80.1523, 78.1973,
79.2940

38.9054, 56.9345,
77.3273

80.1528, 78.1974,
79.2962

Harmonies

Analogous

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



62.0742, 68.9391, 73.1089



62.1963, 68.9391, 78.4351



63.2001, 68.9391, 83.0578

Triad

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



62.1963, 68.9391, 78.4351



68.2597, 68.9391, 82.0038



66.2153, 68.9391, 65.4456

Complementary

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



62.1963, 68.9391, 78.4351



60.2084, 59.8394, 61.8060

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.



67.9053, 68.9391, 67.5984



62.1963, 68.9391, 78.4351



69.1004, 68.9391, 77.0516

Square

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



62.1963, 68.9391, 78.4351



66.6917, 68.9391, 85.1846



68.9695, 68.9391, 71.7889



64.3711, 68.9391, 65.7767

Rectangle

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



62.1963, 68.9391, 78.4351



64.2451, 68.9391, 85.0399



68.9695, 68.9391, 71.7889



66.8208, 68.9391, 65.8985

Sweetspot

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



62.1983, 68.9420, 78.4366



92.2912, 98.5778, 108.7700



59.4414, 67.8509, 63.3909



19.6003, 21.0204, 23.2740



0.0000, 0.0000, 0.0000



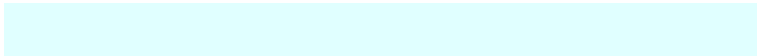
20.3446, 21.4041, 23.3091

Same Dimension

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



62.1983, 68.9420, 78.4366



84.6739, 94.6510, 108.4108



59.3596, 63.2640, 77.4925



13.4448, 14.8296, 16.8055



22.5996, 33.0725, 44.9186



1.4641, 2.1426, 2.9102

Inverse Universe

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



60.2084, 59.8394, 61.8060



81.5127, 80.1904, 81.9909



62.8434, 65.1100, 62.6826



13.0562, 13.0516, 13.5570



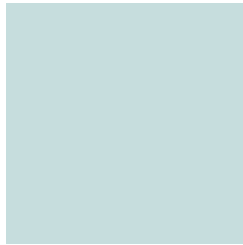
17.3223, 8.9300, 0.8114



1.1222, 0.5785, 0.0527

Previews

White Background



This preview shows how the XYZ color 62.1963, 68.9391, 78.4351 looks on a white background.

Color Contrast Check

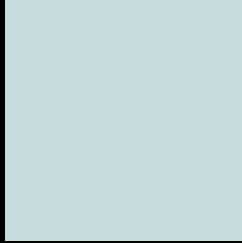
Large Text (above 18pt) WCAG AA × Fail

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 62.1963, 68.9391, 78.4351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

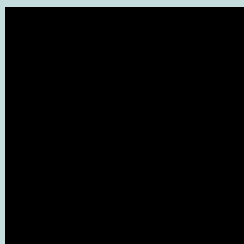
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

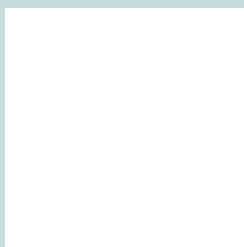
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.1963, 68.9391, 78.4351

Background



This preview shows how black text looks on a background with the XYZ color 62.1963, 68.9391, 78.4351.

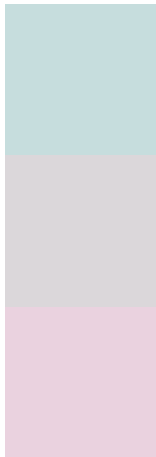


This preview shows how white text looks on a background with the XYZ color 62.1963, 68.9391,

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



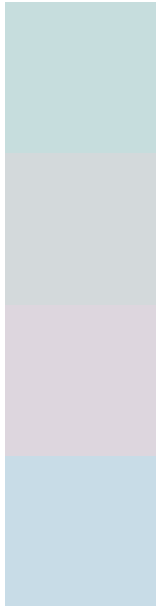
Original Color
62.1963, 68.9391, 78.4351
Protanopia
66.1687, 68.7229, 76.1070
Deuteranopia
70.2976, 68.9133, 79.4086



Tritanopia

64.5592, 69.1367, 89.2990

Trichromacy



Original Color

62.1963, 68.9391, 78.4351

Protanomaly

64.4630, 68.5891, 76.8593

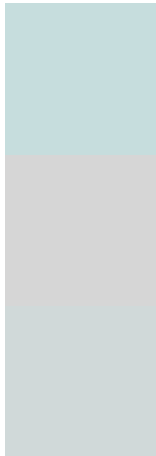
Deuteranomaly

67.0502, 68.7392, 78.8413

Tritanomaly

63.8364, 69.2353, 85.6005

Monochromacy



Original Color

62.1963, 68.9391, 78.4351

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

63.3497, 68.0454, 75.4408

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.1963, 68.9391, 78.4351 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(198, 221, 221)` looks like.

```
.text, #text, p{  
    color:rgb(198, 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(198, 221, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 221, 221) }
```

Border

The CSS property to change the border of an element to XYZ 62.1963, 68.9391, 78.4351 is called "border". The border property can be set on classes, ids or directly on the HTML element.

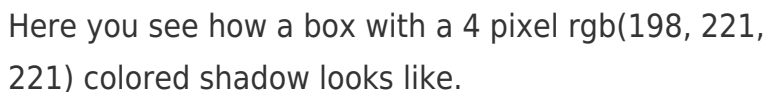
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 221, 221) }
```


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

```
.border{ border-color:rgb(198, 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(198, 221, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 221, 221); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 221, 221); box-shadow:4px 4px 4px 4px rgb(198, 221, 221) }
```

Background

The CSS property to change the background color of an element to XYZ 62.1963, 68.9391, 78.4351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 221, 221) }
```

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

```
.background{ background-color: rgb(198,  
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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