

Converting Colors

XYZ(57.1651, 66.4559, 78.4289)

Have a look what the booklet for
XYZ(57.1651, 66.4559, 78.4289)
contains.

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Color

**XYZ(57.0391, 66.2805,
78.1937)**

Conversions

Conversions Part 1

Format	Color
Hex	B1DDDD
RGB	177, 221, 221
RGB Percent	69%, 87%, 87%
CMY	0.3059, 0.1333, 0.1333
CMYK	0.20, 0.00, 0.00, 0.13
HSL	180°, 39%, 78%
HSV	180°, 20%, 87%
XYZ	57.0391, 66.2805, 78.1937
YIQ	207.8440, -26.2240, -9.3280

Conversions

Conversions Part 2

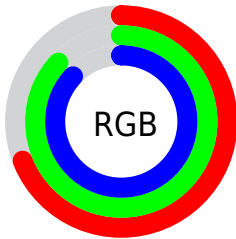
Format	Color
RYB	177, 199, 221
Decimal	11656669
CIELab	85.14, -14.20, -4.72
CIELCh	85, 14.967, 198.398
Yxy	66.2805, 0.2831, 0.3289
Android (android.graphics.Color)	4289846749 (0xFFB1DDDD)
YUV	207.8440, 6.4859, -27.0502
Hunter-Lab	81.4128, -17.4126, 0.0434

Details

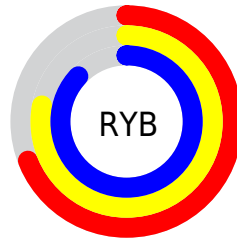
The XYZ color **57.0391, 66.2805, 78.1937** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.4792, 49.9927, 48.4288**, and the grayscale version is **59.8262, 62.9419, 68.5437**.

A 20% lighter version of the original color is **87.4143, 96.0636, 108.5427**, and **28.6875, 34.2366, 41.1727** is the 20% darker color. If you saturate the color by 10%, you get **52.4076, 63.8946, 77.9773**, and if you desaturate by 10%, it is **62.4897, 69.0921, 78.4512**.

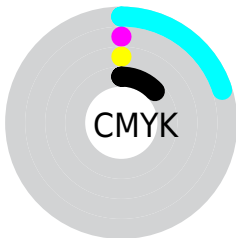
Distribution



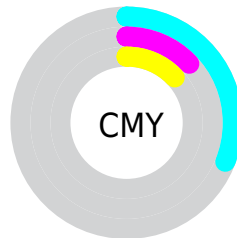
- Red (69%)
- Green (87%)
- Blue (87%)



- Red (69%)
- Yellow (78%)
- Blue (87%)



- Cyan (20%)
- Magenta (0%)
- Yellow (0%)
- Black (13%)



- Cyan (31%)
- Magenta (13%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.0391, 66.2805, 78.1937 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 57.0391, 66.2805, 78.1937 by changing the saturation by 10% instead.

■ 57.0391, 66.2805,
78.1937

■ 57.0391, 66.2805,
78.1937

403.6076,
447.3794, 508.3697

■ 41.2769, 48.5001,
57.7157

■ 99.6533, 113.8888,
132.6115

■ 28.7241, 34.2231,
41.1670

127.2359,
144.4856, 167.3884

■ 19.0155, 23.0651,
28.1289

159.4895,
180.1233, 207.7687

■ 11.7855, 14.6416,
18.1829

196.7792,
221.1863, 254.1709

■ 6.6690, 8.5682,
10.9106

239.4706,
268.0590, 307.0135

■ 3.3004, 4.4606,
5.8933

287.9289,

■ 1.3146, 1.9344,

321.1258, 366.7152

2.7126

342.5194,
380.7712, 433.6944

■ 0.1941, 0.5690,
0.9498

■ 0.0000, 0.0000,
0.0000

■ 57.0391, 66.2805,
78.1937

■ 57.0391, 66.2805,
78.1937

■ 52.4076, 63.8946,
77.9773

■ 62.4897, 69.0921,
78.4512

■ 48.5502, 61.9061,
77.7957

■ 68.7902, 72.3401,
78.7471

■ 45.4264, 60.2957,
77.6485

■ 75.9767, 76.0449,
79.0845

■ 42.9898, 59.0396,
77.5334

■ 80.1498, 78.1961,
79.2809

41.1886, 58.1111,
77.4481

80.1500, 78.1962,
79.2819

39.9637, 57.4797,
77.3897

80.1502, 78.1963,
79.2830

39.2451, 57.1092,
77.3550

80.1504, 78.1964,
79.2840

38.9099, 56.9364,
77.3383

80.1506, 78.1964,
79.2851

38.9074, 56.9352,
77.3381

80.1508, 78.1965,
79.2862

Harmonies

Analogous

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



56.8530, 66.2805, 68.4952



57.0391, 66.2805, 78.1937



58.7870, 66.2805, 86.9750

Triad

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



57.0391, 66.2805, 78.1937



67.9753, 66.2805, 85.2227



64.3115, 66.2805, 55.4526

Complementary

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



57.0391, 66.2805, 78.1937



53.4792, 49.9927, 48.4288

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.



67.4047, 66.2805, 59.1451



57.0391, 66.2805, 78.1937



69.5698, 66.2805, 75.9702

Square

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



57.0391, 66.2805, 78.1937



65.0678, 66.2805, 91.2763



69.3573, 66.2805, 66.4605



60.9718, 66.2805, 55.9323

Rectangle

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



57.0391, 66.2805, 78.1937



60.6389, 66.2805, 90.8614



69.3573, 66.2805, 66.4605



65.4167, 66.2805, 56.2326

Sweetspot

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



57.0410, 66.2832, 78.1952



89.6432, 97.2127, 108.6461



52.0933, 64.3235, 51.2664



19.0671, 20.7455, 23.2491



0.0000, 0.0000, 0.0000



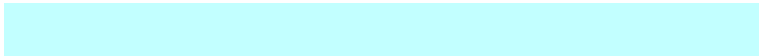
20.3446, 21.4041, 23.3091

Same Dimension

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



57.0410, 66.2832, 78.1952



76.0062, 90.1826, 108.0052



51.7772, 55.7549, 76.4426



13.4449, 14.8296, 16.8057



22.6008, 33.0730, 44.9249



1.4642, 2.1426, 2.9105

Inverse Universe

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



53.4792, 49.9927, 48.4288



70.2029, 63.6409, 59.5075



58.0121, 59.0591, 49.9383



13.0561, 13.0516, 13.5568



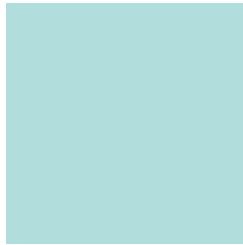
17.3222, 8.9299, 0.8110



1.1222, 0.5785, 0.0526

Previews

White Background



This preview shows how the XYZ color 57.0391, 66.2805, 78.1937 looks on a white background.

Color Contrast Check

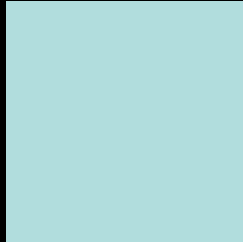
Large Text (above 18pt) WCAG AA × Fail

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 57.0391, 66.2805, 78.1937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

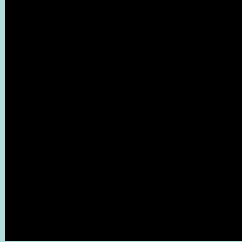
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.0391, 66.2805, 78.1937

Background



This preview shows how black text looks on a background with the XYZ color 57.0391, 66.2805, 78.1937.

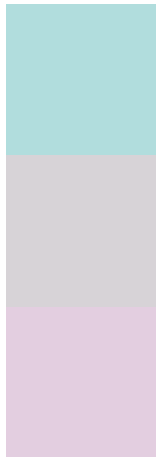


This preview shows how white text looks on a background with the XYZ color 57.0391, 66.2805,

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

57.0391, 66.2805, 78.1937

Protanopia

63.5843, 65.9419, 73.6668

Deuteranopia

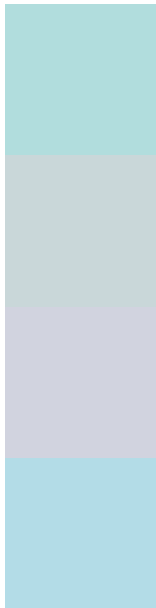
67.2044, 65.8553, 79.6903



Tritanopia

59.2942, 66.4225, 89.0526

Trichromacy



Original Color

57.0391, 66.2805, 78.1937

Protanomaly

60.9122, 66.0281, 75.1799

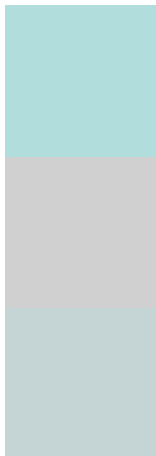
Deuteranomaly

62.9080, 65.4716, 79.1337

Tritanomaly

58.6074, 66.5396, 85.3558

Monochromacy



Original Color

57.0391, 66.2805, 78.1937

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

58.8304, 64.2629, 72.2541

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0391, 66.2805, 78.1937 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(177, 221, 221)` looks like.

```
.text, #text, p{  
    color:rgb(177, 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(177, 221, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 221, 221) }
```

Border

The CSS property to change the border of an element to XYZ 57.0391, 66.2805, 78.1937 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(177, 221, 221) }
```


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

```
.border{ border-color:rgb(177, 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(177, 221, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 221, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 221, 221);  
box-shadow:4px 4px 4px 4px rgb(177, 221,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0391, 66.2805, 78.1937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 221, 221) }
```

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

```
.background{ background-color: rgb(177,  
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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