

Converting Colors

XYZ(57.0542, 69.6725, 80.3054)

Have a look what the booklet for
XYZ(57.0542, 69.6725, 80.3054)
contains.

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Color

**XYZ(57.1331, 69.9207,
80.2968)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | A5E6DF |
| RGB | 165, 230, 223 |
| RGB Percent | 65%, 90%, 87% |
| CMY | 0.3529, 0.0980, 0.1255 |
| CMYK | 0.28, 0.00, 0.03, 0.10 |
| HSL | 174°, 57%, 77% |
| HSV | 174°, 28%, 90% |
| XYZ | 57.1331, 69.9207, 80.2968 |
| YIQ | 209.7670, -36.4930, -15.9570 |

Conversions

Conversions Part 2

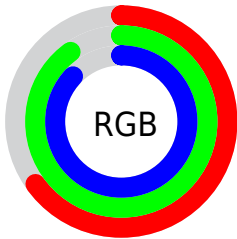
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 165, 199, 230 |
| Decimal | 10872543 |
| CIELab | 86.96, -21.81, -3.18 |
| CIELCh | 87, 22.040, 188.295 |
| Yxy | 69.9207, 0.2755, 0.3372 |
| Android (android.graphics.Color) | 4289062623 (0xFFA5E6DF) |
| YUV | 209.7670, 6.5239, -39.2607 |
| Hunter-Lab | 83.6186, -24.3709, 1.5983 |

Details

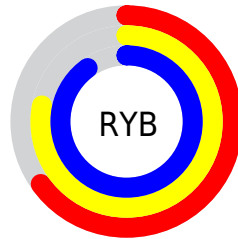
The XYZ color **57.1331, 69.9207, 80.2968** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.5371, 46.7136, 45.2274**, and the grayscale version is **61.0831, 64.2642, 69.9837**.

A 20% lighter version of the original color is **83.9342, 94.2696, 108.3798**, and **28.7595, 36.4788, 42.5711** is the 20% darker color. If you saturate the color by 10%, you get **52.4415, 67.5422, 78.3473**, and if you desaturate by 10%, it is **62.6939, 72.7503, 82.3155**.

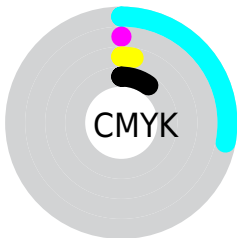
Distribution



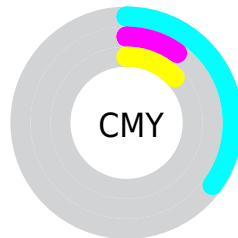
- Red (65%)
- Green (90%)
- Blue (87%)



- Red (65%)
- Yellow (78%)
- Blue (90%)



- Cyan (28%)
- Magenta (0%)
- Yellow (3%)
- Black (10%)



- Cyan (35%)
- Magenta (10%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.1331, 69.9207, 80.2968 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 57.1331, 69.9207, 80.2968 by changing the saturation by 10% instead.

57.1331, 69.9207,
80.2968

57.1331, 69.9207,
80.2968

403.9540,
460.2715, 515.6656

41.3527, 51.4619,
59.4350

99.7896, 119.0957,
135.5981

28.7836, 36.5763,
42.5411

127.3964,
150.5806, 170.8747

19.0607, 24.8796,
29.1965

159.6760,
187.1764, 211.7933

11.8184, 15.9874,
18.9827

196.9938,
229.2674, 258.7725

6.6915, 9.5152,
11.4811

239.7152,
277.2380, 312.2308

3.3145, 5.0788,
6.2732

288.2054,

1.3222, 2.2935,

331.4726, 372.5867

2.9404

342.8299,
392.3557, 440.2588

■ 0.1997, 0.7703,
1.0643

■ 0.0000, 0.0000,
0.0000

■ 57.1331, 69.9207,
80.2968

■ 57.1331, 69.9207,
80.2968

■ 52.4415, 67.5422,
78.3473

■ 62.6939, 72.7503,
82.3155

■ 48.5669, 65.5825,
76.4600

■ 69.1607, 76.0446,
84.4007

■ 45.4609, 64.0185,
74.6339

■ 76.5752, 79.8269,
86.5561

■ 43.0674, 62.8213,
72.8664

■ 84.2337, 83.7344,
88.7486

41.3227, 61.9580,
71.1544

84.5901, 83.8769,
90.6254

40.1517, 61.3898,
69.4942

84.9515, 84.0215,
92.5285

39.4470, 61.0615,
67.8806

85.3179, 84.1681,
94.4580

39.3447, 61.0148,
67.6036

85.6893, 84.3166,
96.4140

86.0658, 84.4672,
98.3966

Harmonies

Analogous

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



57.6758, 69.9207, 66.1187



57.1331, 69.9207, 80.2968



58.9854, 69.9207, 95.0923

Triad

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



57.1331, 69.9207, 80.2968



72.7845, 69.9207, 100.6267



70.1870, 69.9207, 52.7071

Complementary

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



57.1331, 69.9207, 80.2968



53.5371, 46.7136, 45.2274

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.



74.5354, 69.9207, 59.8756



57.1331, 69.9207, 80.2968



76.0882, 69.9207, 87.1079

Square

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



57.1331, 69.9207, 80.2968



67.8964, 69.9207, 107.7815



76.7450, 69.9207, 72.1133



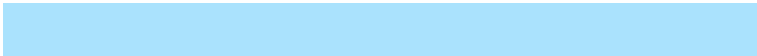
65.0392, 69.9207, 51.3772

Rectangle

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



57.1331, 69.9207, 80.2968



61.3884, 69.9207, 102.8957



76.7450, 69.9207, 72.1133



71.7983, 69.9207, 54.4647

Sweetspot

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



57.1351, 69.9235, 80.2984



87.5871, 96.1934, 106.7142



52.2320, 68.1500, 45.9998



18.4656, 20.4458, 22.7546



0.0000, 0.0000, 0.0000



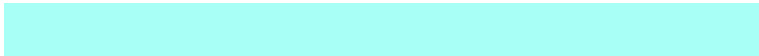
20.3446, 21.4041, 23.3091

Same Dimension

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



57.1351, 69.9235, 80.2984



68.5547, 86.5107, 100.0000



51.6533, 57.4173, 83.2265



14.7370, 16.3082, 18.1459



22.3015, 34.5527, 38.4175



1.6673, 2.5610, 2.9404

Inverse Universe

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



53.5371, 46.7136, 45.2274



63.2979, 52.5761, 48.7425



57.8224, 56.3327, 43.4242



14.4398, 14.3931, 15.2504



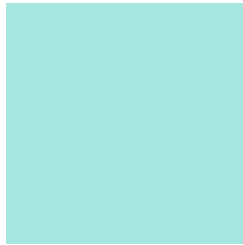
18.5946, 9.5720, 1.4940



1.3953, 0.7158, 0.2224

Previews

White Background



This preview shows how the XYZ color 57.1331, 69.9207, 80.2968 looks on a white background.

Color Contrast Check

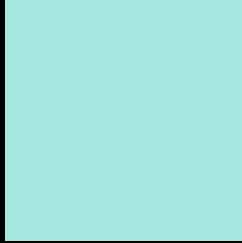
Large Text (above 18pt) WCAG AA × Fail

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 57.1331, 69.9207, 80.2968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

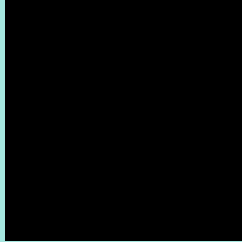
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

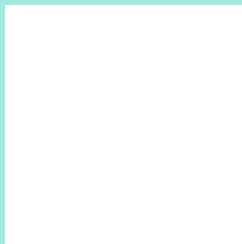
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.1331, 69.9207, 80.2968

Background



This preview shows how black text looks on a background with the XYZ color 57.1331, 69.9207, 80.2968.

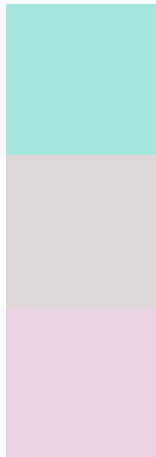


This preview shows how white text looks on a background with the XYZ color 57.1331, 69.9207,

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

57.1331, 69.9207, 80.2968

Protanopia

66.6404, 69.3902, 74.1713

Deuteranopia

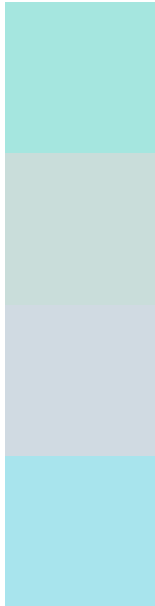
70.7637, 69.4582, 82.3502



Tritanopia

60.5281, 70.0768, 96.7222

Trichromacy



Original Color

57.1331, 69.9207, 80.2968

Protanomaly

62.5987, 69.1924, 76.3858

Deuteranomaly

64.8113, 69.0437, 81.8623

Tritanomaly

59.1779, 69.9261, 90.4988

Monochromacy



Original Color

57.1331, 69.9207, 80.2968

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

59.3267, 66.0013, 73.9027

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1331, 69.9207, 80.2968 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(165, 230, 223)` looks like.

```
.text, #text, p{  
    color:rgb(165, 230, 223)  
}
```

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(165, 230, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 230, 223) }
```

Border

The CSS property to change the border of an element to XYZ 57.1331, 69.9207, 80.2968 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(165, 230, 223) }
```


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

```
.border{ border-color:rgb(165, 230, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 230, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 230, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 230, 223);  
box-shadow:4px 4px 4px 4px rgb(165, 230,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1331, 69.9207, 80.2968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 230, 223) }
```

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

```
.background{ background-color: rgb(165,  
230, 223) }
```

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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