

Converting Colors

XYZ(57.5920, 66.9740, 72.3691)

Have a look what the booklet for
XYZ(57.5920, 66.9740, 72.3691)
contains.

XYZ(57.5334, 67.0633, 72.1995)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(57.5334, 67.0633,
72.1995)**

Conversions

Conversions Part 1

Format	Color
Hex	B7DED4
RGB	183, 222, 212
RGB Percent	72%, 87%, 83%
CMY	0.2823, 0.1294, 0.1686
CMYK	0.18, 0.00, 0.05, 0.13
HSL	165°, 37%, 79%
HSV	165°, 18%, 87%
XYZ	57.5334, 67.0633, 72.1995
YIQ	209.1990, -20.0340, -11.3780

Conversions

Conversions Part 2

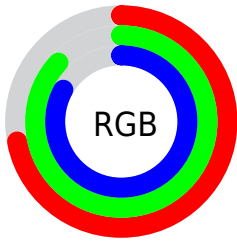
Format	Color
R _{YB}	183, 205, 222
Decimal	12050132
CIE Lab	85.54, -14.70, 0.66
CIE LCh	86, 14.712, 177.434
Yxy	67.0633, 0.2924, 0.3408
Android (android.graphics.Color)	4290240212 (0xFFB7DED4)
YUV	209.1990, 1.3809, -22.9765
Hunter-Lab	81.8922, -17.9061, 5.0520

Details

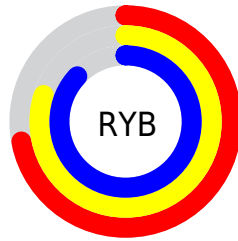
The XYZ color **57.5334, 67.0633, 72.1995** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.6858, 53.2486, 57.7455**, and the grayscale version is **60.7364, 63.8994, 69.5865**.

A 20% lighter version of the original color is **89.4066, 97.0907, 108.6359**, and **28.9578, 34.7389, 37.0773** is the 20% darker color. If you saturate the color by 10%, you get **51.9585, 64.2727, 68.2561**, and if you desaturate by 10%, it is **63.9703, 70.2990, 76.3183**.

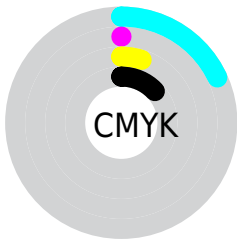
Distribution



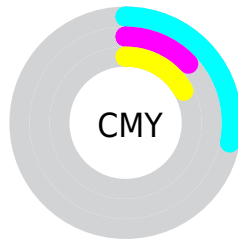
- Red (72%)
- Green (87%)
- Blue (83%)



- Red (72%)
- Yellow (80%)
- Blue (87%)



- Cyan (18%)
- Magenta (0%)
- Yellow (5%)
- Black (13%)



- Cyan (28%)
- Magenta (13%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.5334, 67.0633, 72.1995 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 57.5334, 67.0633, 72.1995 by changing the saturation by 10% instead.

■ 57.5334, 67.0633,
72.1995

■ 57.5334, 67.0633,
72.1995

405.4270,
450.1701, 487.2319

■ 41.6755, 49.1361,
52.8338

■ 100.3699,
115.0111, 124.0505

■ 29.0372, 34.7274,
37.2833

128.0793,
145.8005, 157.3729

■ 19.2534, 23.4530,
25.1294

160.4697,
181.6460, 196.1846

■ 11.9586, 14.9283,
15.9536

197.9067,
222.9321, 240.9042

■ 6.7875, 8.7691,
9.3373

240.7556,
270.0432, 291.9501

■ 3.3747, 4.5909,
4.8621

289.3817,

■ 1.3549, 2.0093,

323.3636, 349.7411

2.1092

344.1503,
383.2778, 414.6955

■ 0.2237, 0.6129,
0.6213

■ 0.0000, 0.0000,
0.0000

■ 57.5334, 67.0633,
72.1995

■ 57.5334, 67.0633,
72.1995

■ 51.9585, 64.2727,
68.2561

■ 63.9703, 70.2990,
76.3183

■ 47.2007, 61.8986,
64.4804


■ 71.3002, 73.9902,
80.6111

■ 43.2196, 59.9221,
60.8706

■ 79.5593, 78.1576,
85.0822


■ 39.9691, 58.3193,
57.4232


■ 82.3257, 79.4903,
89.4324


 37.3978, 57.0638,
54.1343


 83.1607, 79.8243,
93.8296


 35.4477, 56.1259,
50.9997


 84.0223, 80.1689,
98.3668

 34.0508, 55.4704,
48.0149

 84.9107, 80.5243,
103.0451

 33.1145, 55.0496,
45.1741

 85.4125, 80.7250,
105.6875

 32.9201, 54.9640,
44.5031

Harmonies

Analogous

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



58.4764, 67.0633, 63.5530



57.5334, 67.0633, 72.1995



58.2051, 67.0633, 81.8348

Triad

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



57.5334, 67.0633, 72.1995



66.7493, 67.0633, 90.6083



67.2646, 67.0633, 58.5787

Complementary

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



57.5334, 67.0633, 72.1995



56.6858, 53.2486, 57.7455

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.



69.6186, 67.0633, 64.8631



57.5334, 67.0633, 72.1995



69.3139, 67.0633, 83.3846

Square

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



57.5334, 67.0633, 72.1995



63.4543, 67.0633, 92.9983



70.3812, 67.0633, 73.8478



64.0299, 67.0633, 56.1306

Rectangle

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



57.5334, 67.0633, 72.1995



59.4917, 67.0633, 87.4353



70.3812, 67.0633, 73.8478



68.1894, 67.0633, 60.2841

Sweetspot

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



57.5353, 67.0661, 72.2010



89.9917, 97.4527, 105.9384



56.7651, 67.0545, 54.7519



19.1152, 20.7850, 22.5872



0.0000, 0.0000, 0.0000



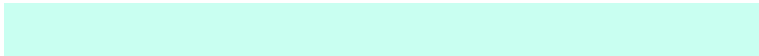
20.3446, 21.4041, 23.3091

Same Dimension

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



57.5353, 67.0661, 72.2010



75.8855, 90.3667, 96.8704



56.4845, 62.8819, 78.2709



13.9586, 15.5092, 16.8170



19.6003, 32.6650, 26.6821



1.3943, 2.2784, 2.0373

Inverse Universe

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



56.6858, 53.2486, 57.7455



74.5211, 68.1592, 73.6424



57.5453, 56.6937, 52.7109



13.8508, 13.7579, 14.9844



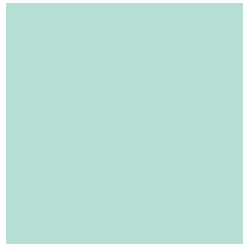
18.3693, 9.4147, 3.3444



1.3093, 0.6670, 0.4214

Previews

White Background



This preview shows how the XYZ color 57.5334, 67.0633, 72.1995 looks on a white background.

Color Contrast Check

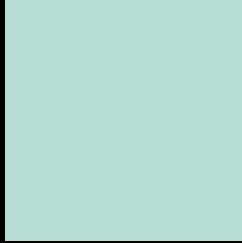
Large Text (above 18pt) WCAG AA × Fail

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 57.5334, 67.0633, 72.1995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

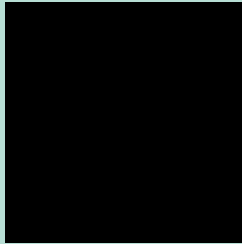
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

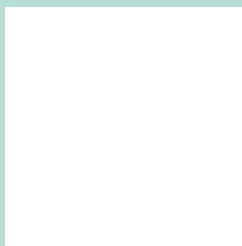
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.5334, 67.0633, 72.1995

Background



This preview shows how black text looks on a background with the XYZ color 57.5334, 67.0633, 72.1995.

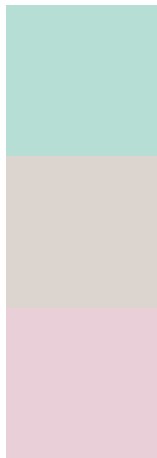


This preview shows how white text looks on a background with the XYZ color 57.5334, 67.0633,

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

57.5334, 67.0633, 72.1995

Protanopia

64.0194, 66.6520, 68.5224

Deuteranopia

68.1828, 66.8556, 73.6008



Tritanopia

60.7052, 66.7637, 89.0441

Trichromacy



Original Color

57.5334, 67.0633, 72.1995

Protanomaly

61.5181, 66.8370, 69.9801

Deuteranomaly

63.7054, 66.3891, 73.0751

Tritanomaly

59.4463, 66.6482, 82.4043

Monochromacy



Original Color

57.5334, 67.0633, 72.1995

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

59.4988, 65.0256, 70.3880

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5334, 67.0633, 72.1995 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(183, 222, 212)` looks like.

```
.text, #text, p{  
    color:rgb(183, 222, 212)  
}
```

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(183, 222, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 222, 212) }
```

Border

The CSS property to change the border of an element to XYZ 57.5334, 67.0633, 72.1995 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(183, 222, 212) }
```


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

```
.border{ border-color:rgb(183, 222, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 222, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 222, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 222, 212);  
box-shadow:4px 4px 4px 4px rgb(183, 222,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5334, 67.0633, 72.1995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 222, 212) }
```

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

```
.background{ background-color: rgb(183,  
222, 212) }
```

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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