

Converting Colors

XYZ(47.2552, 57.7437, 63.9859)

Have a look what the booklet for
XYZ(47.2552, 57.7437, 63.9859)
contains.

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Color

**XYZ(47.1633, 57.6756,
63.9051)**

Conversions

Conversions Part 1

Format	Color
Hex	9AD3C9
RGB	154, 211, 201
RGB Percent	60%, 83%, 79%
CMY	0.3961, 0.1725, 0.2118
CMYK	0.27, 0.00, 0.05, 0.17
HSL	169°, 39%, 72%
HSV	169°, 27%, 83%
XYZ	47.1633, 57.6756, 63.9051
YIQ	192.8170, -30.7620, -15.1940

Conversions

Conversions Part 2

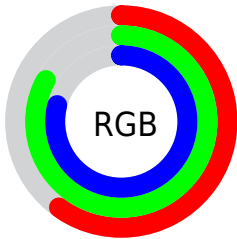
Format	Color
RYB	154, 185, 211
Decimal	10146761
CIELab	80.56, -20.35, -0.97
CIELCh	81, 20.377, 182.734
Yxy	57.6756, 0.2795, 0.3418
Android (android.graphics.Color)	4288336841 (0xFF9AD3C9)
YUV	192.8170, 4.0342, -34.0425
Hunter-Lab	75.9445, -22.0501, 3.2703

Details

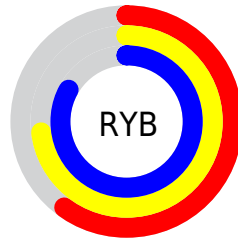
The XYZ color **47.1633, 57.6756, 63.9051** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.1224, 39.6420, 40.3977**, and the grayscale version is **50.5724, 53.2061, 57.9415**.

A 20% lighter version of the original color is **80.3883, 92.4416, 108.2138**, and **22.5218, 28.6502, 31.9468** is the 20% darker color. If you saturate the color by 10%, you get **43.0650, 55.6141, 61.4679**, and if you desaturate by 10%, it is **51.9813, 60.1099, 66.4333**.

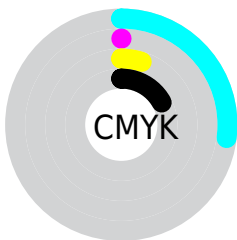
Distribution



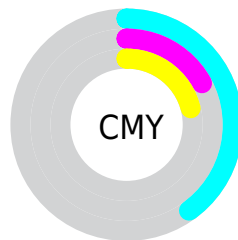
- Red (60%)
- Green (83%)
- Blue (79%)



- Red (60%)
- Yellow (73%)
- Blue (83%)



- Cyan (27%)
- Magenta (0%)
- Yellow (5%)
- Black (17%)





- Cyan (40%)
- Magenta (17%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.1633, 57.6756, 63.9051 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 47.1633, 57.6756, 63.9051 by changing the saturation by 10% instead.


 47.1633, 57.6756,
63.9051


 47.1633, 57.6756,
63.9051


366.1040,
415.9761, 457.0449

 33.3733, 41.5479,
46.1281


 85.1746, 101.4503,
112.0724

 22.5731, 28.7475,
31.9975


 110.1265,
129.8661, 143.2998

 14.3976, 18.8899,
21.0948


139.5298,
163.1467, 179.8478

 8.4813, 11.5907,
13.0014

173.7498,
201.6766, 222.1348

 4.4588, 6.4656,
7.2988

213.1519,
245.8400, 270.5796

 1.9648, 3.1302,
3.5684

258.1014,

 0.6141, 1.2001,

296.0215, 325.6004

1.3917

308.9636,
352.6054, 387.6160

■ 0.0000, 0.0618,
0.1352

■ 0.0000, 0.0000,
0.0000

■ 47.1633, 57.6756,
63.9051

■ 47.1633, 57.6756,
63.9051

■ 43.0650, 55.6141,
61.4679

■ 51.9813, 60.1099,
66.4333

■ 39.6445, 53.8992,
59.1156

■ 57.5484, 62.9277,
69.0504

■ 36.8629, 52.5126,
56.8473

■ 63.8984, 66.1478,
71.7598

■ 34.6756, 51.4312,
54.6605

■ 71.0614, 69.7859,
74.5632

■ 33.0320, 50.6288,
52.5524

■ 77.3894, 72.9922,
77.3838

■ 31.8729, 50.0751,
50.5198

■ 77.8839, 73.1900,
79.9880

■ 31.1202, 49.7296,
48.5588

■ 78.3894, 73.3922,
82.6498

■ 30.9331, 49.6457,
47.9852

■ 78.9059, 73.5988,
85.3695

■ 79.4334, 73.8098,
88.1474

Harmonies

Analogous

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



47.9688, 57.6756, 52.8160



47.1633, 57.6756, 63.9051



48.3210, 57.6756, 76.1114

Triad

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



47.1633, 57.6756, 63.9051



59.2890, 57.6756, 84.2621



58.5910, 57.6756, 44.4509

Complementary

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



47.1633, 57.6756, 63.9051



45.1224, 39.6420, 40.3977

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.



61.8747, 57.6756, 51.1370



47.1633, 57.6756, 63.9051



62.2919, 57.6756, 73.9666

Square

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



47.1633, 57.6756, 63.9051



55.2038, 57.6756, 88.7629



63.2612, 57.6756, 61.7056



54.4358, 57.6756, 42.4670

Rectangle

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



47.1633, 57.6756, 63.9051



50.0866, 57.6756, 82.9959



63.2612, 57.6756, 61.7056



59.8404, 57.6756, 46.1771

Sweetspot

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



47.1650, 57.6780, 63.9064



87.3679, 96.1057, 105.5600



44.5316, 56.8645, 39.2017



18.4100, 20.4235, 22.4620



0.0000, 0.0000, 0.0000



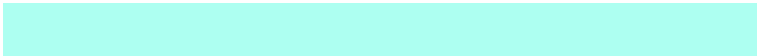
20.3446, 21.4041, 23.3091

Same Dimension

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



47.1650, 57.6780, 63.9064



68.9117, 86.7817, 96.0880



44.1449, 49.6930, 68.8957



12.0656, 13.3700, 14.7019



18.7013, 29.9734, 29.1368



1.0696, 1.6855, 1.7553

Inverse Universe

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



45.1224, 39.6420, 40.3977



65.3072, 54.9195, 54.5767



47.4607, 45.7078, 36.8939



11.8922, 11.8416, 12.7082



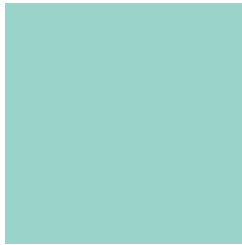
16.4408, 8.4492, 1.9616



0.9457, 0.4830, 0.2490

Previews

White Background



This preview shows how the XYZ color 47.1633, 57.6756, 63.9051 looks on a white background.

Color Contrast Check

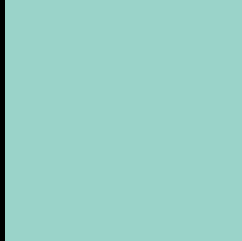
Large Text (above 18pt) WCAG AA × Fail

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 47.1633, 57.6756, 63.9051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

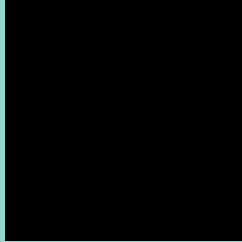
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

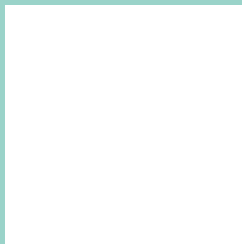
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.1633, 57.6756, 63.9051

Background



This preview shows how black text looks on a background with the XYZ color 47.1633, 57.6756, 63.9051.



This preview shows how white text looks on a background with the XYZ color 47.1633, 57.6756,

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

47.1633, 57.6756, 63.9051

Protanopia

54.8335, 57.1206, 59.1743

Deuteranopia

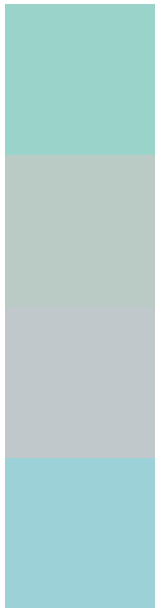
58.4083, 57.1466, 65.7096



Tritanopia

50.3085, 57.8645, 79.0384

Trichromacy



Original Color

47.1633, 57.6756, 63.9051

Protanomaly

51.6837, 57.1822, 61.1366

Deuteranomaly

53.5457, 57.0056, 65.3078

Tritanomaly

49.0998, 57.7269, 73.5203

Monochromacy



Original Color

47.1633, 57.6756, 63.9051

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

49.2085, 54.8778, 60.2235

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.1633, 57.6756, 63.9051 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(154, 211, 201)` looks like.

```
.text, #text, p{  
    color:rgb(154, 211, 201)  
}
```

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(154, 211, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 211, 201) }
```

Border

The CSS property to change the border of an element to XYZ 47.1633, 57.6756, 63.9051 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(154, 211, 201) }
```


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

```
.border{ border-color:rgb(154, 211, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 211, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 211, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 211, 201);  
box-shadow:4px 4px 4px 4px rgb(154, 211,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 47.1633, 57.6756, 63.9051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 211, 201) }
```

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

```
.background{ background-color: rgb(154,  
211, 201) }
```

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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