

Converting Colors

XYZ(47.7517, 57.2826, 68.6020)

Have a look what the booklet for
XYZ(47.7517, 57.2826, 68.6020)
contains.

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Color

**XYZ(47.6355, 57.0744,
68.8274)**

Conversions

Conversions Part 1

Format	Color
Hex	9AD1D1
RGB	154, 209, 209
RGB Percent	60%, 82%, 82%
CMY	0.3961, 0.1804, 0.1804
CMYK	0.26, 0.00, 0.00, 0.18
HSL	180°, 37%, 71%
HSV	180°, 26%, 82%
XYZ	47.6355, 57.0744, 68.8274
YIQ	192.5550, -32.7800, -11.6600

Conversions

Conversions Part 2

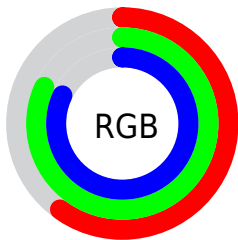
Format	Color
RYB	154, 182, 209
Decimal	10146257
CIELab	80.22, -17.59, -5.75
CIELCh	80, 18.501, 198.094
Yxy	57.0744, 0.2745, 0.3289
Android (android.graphics.Color)	4288336337 (0xFF9AD1D1)
YUV	192.5550, 8.1074, -33.8127
Hunter-Lab	75.5476, -19.6576, -1.1326

Details

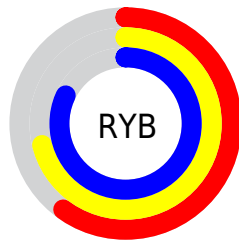
The XYZ color **47.6355, 57.0744, 68.8274** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.6848, 39.0012, 35.7996**, and the grayscale version is **50.3965, 53.0211, 57.7400**.

A 20% lighter version of the original color is **80.3883, 92.4416, 108.2138**, and **22.8388, 28.2445, 35.2583** is the 20% darker color. If you saturate the color by 10%, you get **43.9991, 55.2012, 68.6578**, and if you desaturate by 10%, it is **51.9678, 59.3092, 69.0320**.

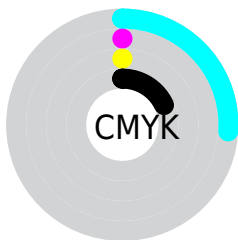
Distribution



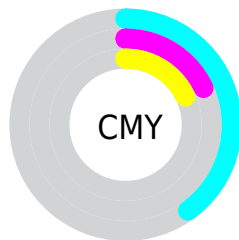
- Red (60%)
- Green (82%)
- Blue (82%)



- Red (60%)
- Yellow (71%)
- Blue (82%)



- Cyan (26%)
- Magenta (0%)
- Yellow (0%)
- Black (18%)





- Cyan (40%)
- Magenta (18%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.6355, 57.0744, 68.8274 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 47.6355, 57.0744, 68.8274 by changing the saturation by 10% instead.


 47.6355, 57.0744,
68.8274


 47.6355, 57.0744,
68.8274


367.9522,
413.7280, 475.0994

 33.7484, 41.0650,
50.1003


 85.8744, 100.5737,
119.2004

 22.8623, 28.3699,
35.1213


 110.9570,
128.8324, 151.6833

 14.6120, 18.6047,
23.4721


140.5020,
161.9430, 189.5887

 8.6321, 11.3850,
14.7339

174.8749,
200.2899, 233.3349

 4.5572, 6.3264,
8.4883

214.4410,
244.2574, 283.3405

 2.0219, 3.0445,
4.3167

259.5657,

 0.6462, 1.1550,

294.2300, 340.0241

1.8007

310.6143,
350.5921, 403.8042

■ 0.0000, 0.0245,
0.4284

■ 0.0000, 0.0000,
0.0000

■ 47.6355, 57.0744,
68.8274

■ 47.6355, 57.0744,
68.8274

■ 43.9991, 55.2012,
68.6578

■ 51.9678, 59.3092,
69.0320

■ 41.0178, 53.6643,
68.5176

■ 57.0243, 61.9159,
69.2693

■ 38.6540, 52.4458,
68.4064

■ 62.8379, 64.9129,
69.5420

■ 36.8646, 51.5233,
68.3220

■ 69.4379, 68.3153,
69.8515

■ 35.6005, 50.8717,
68.2622

■ 75.5509, 71.4667,
70.1382

■ 34.8050, 50.4616,
68.2243

■ 75.5510, 71.4667,
70.1389

■ 34.4058, 50.2558,
68.2050

■ 75.5511, 71.4668,
70.1395

■ 34.3094, 50.2061,
68.2003

■ 75.5512, 71.4668,
70.1402

■ 75.5514, 71.4669,
70.1408

Harmonies

Analogous

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



47.4498, 57.0744, 57.9529



47.6355, 57.0744, 68.8274



49.5418, 57.0744, 78.9370

Triad

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



47.6355, 57.0744, 68.8274



59.8316, 57.0744, 77.0906



55.7591, 57.0744, 43.9402

Complementary

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



47.6355, 57.0744, 68.8274



43.6848, 39.0012, 35.7996

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.



59.2421, 57.0744, 47.9200



47.6355, 57.0744, 68.8274



61.6653, 57.0744, 66.5331

Square

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



47.6355, 57.0744, 68.8274



56.5334, 57.0744, 84.0756



61.4447, 57.0744, 55.9085



52.0240, 57.0744, 44.4028

Rectangle

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



47.6355, 57.0744, 68.8274



51.5839, 57.0744, 83.4982



61.4447, 57.0744, 55.9085



57.0013, 57.0744, 44.7820

Sweetspot

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



47.6372, 57.0767, 68.8287



87.9389, 96.3341, 108.5664



42.1365, 54.8967, 38.9482



18.5549, 20.4815, 23.2251



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.



47.6372, 57.0767, 68.8287



71.1316, 87.6697, 107.7774



41.6501, 45.1021, 66.8346



12.1584, 13.4071, 15.1905



21.1532, 30.9542, 42.0485



1.1828, 1.7308, 2.3511

Inverse Universe

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



43.6848, 39.0012, 35.7996



63.8424, 54.3336, 46.8629



48.5685, 48.7689, 37.4265



11.8088, 11.8083, 12.2690



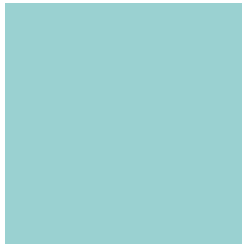
16.2124, 8.3578, 0.7590



0.9065, 0.4673, 0.0425

Previews

White Background



This preview shows how the XYZ color 47.6355, 57.0744, 68.8274 looks on a white background.

Color Contrast Check

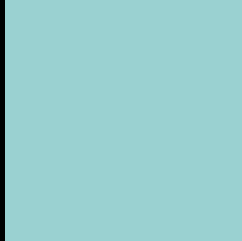
Large Text (above 18pt) WCAG AA × Fail

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 47.6355, 57.0744, 68.8274 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

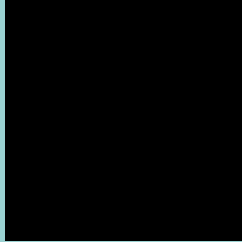
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.6355, 57.0744, 68.8274

Background



This preview shows how black text looks on a background with the XYZ color 47.6355, 57.0744, 68.8274.



This preview shows how white text looks on a background with the XYZ color 47.6355, 57.0744,

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

47.6355, 57.0744, 68.8274

Protanopia

54.7143, 56.6143, 63.9210

Deuteranopia

57.8176, 56.7423, 70.1924



Tritanopia

49.5367, 57.1215, 78.2267

Trichromacy



Original Color

47.6355, 57.0744, 68.8274

Protanomaly

51.6733, 56.3714, 65.9149

Deuteranomaly

53.4165, 56.4971, 69.7177

Tritanomaly

48.9211, 57.2416, 74.8000

Monochromacy



Original Color

47.6355, 57.0744, 68.8274

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

49.3226, 54.5541, 61.9632

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.6355, 57.0744, 68.8274 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, 209, 209)` looks like.

```
.text, #text, p{  
    color:rgb(154, 209, 209)  
}
```

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, 209, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 209, 209) }
```

Border

The CSS property to change the border of an element to XYZ 47.6355, 57.0744, 68.8274 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, 209, 209) }
```


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

```
.border{ border-color:rgb(154, 209, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 209, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 209, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 209, 209);  
box-shadow:4px 4px 4px 4px rgb(154, 209,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 47.6355, 57.0744, 68.8274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 209, 209) }
```

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

```
.background{ background-color: rgb(154,  
209, 209) }
```

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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