

Converting Colors

XYZ(47.9380, 57.2322, 71.2517)

Have a look what the booklet for
XYZ(47.9380, 57.2322, 71.2517)
contains.

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Color

**XYZ(47.9476, 57.1773,
71.4600)**

Conversions

Conversions Part 1

Format	Color
Hex	99D1D5
RGB	153, 209, 213
RGB Percent	60%, 82%, 84%
CMY	0.4000, 0.1804, 0.1647
CMYK	0.28, 0.02, 0.00, 0.16
HSL	184°, 42%, 72%
HSV	184°, 28%, 84%
XYZ	47.9476, 57.1773, 71.4600
YIQ	192.7120, -34.6600, -10.6280

Conversions

Conversions Part 2

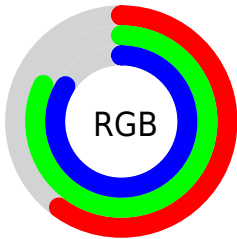
Format	Color
RYB	153, 182, 213
Decimal	10080725
CIELab	80.28, -16.97, -7.81
CIELCh	80, 18.679, 204.706
Yxy	57.1773, 0.2715, 0.3238
Android (android.graphics.Color)	4288270805 (0xFF99D1D5)
YUV	192.7120, 10.0020, -34.8274
Hunter-Lab	75.6157, -19.1413, -3.1006

Details

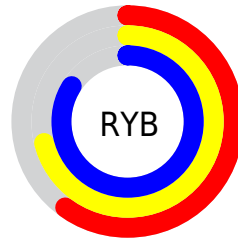
The XYZ color **47.9476, 57.1773, 71.4600** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.2481, 40.5605, 35.5825**, and the grayscale version is **50.4786, 53.1074, 57.8340**.

A 20% lighter version of the original color is **80.1045, 92.2953, 108.2006**, and **22.9827, 28.2891, 36.5968** is the 20% darker color. If you saturate the color by 10%, you get **43.9345, 54.5953, 71.1741**, and if you desaturate by 10%, it is **52.6848, 60.1401, 71.7831**.

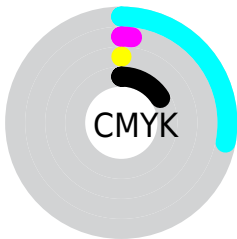
Distribution



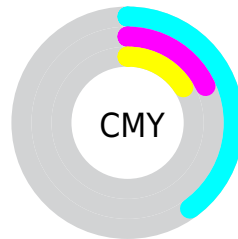
- Red (60%)
- Green (82%)
- Blue (84%)



- Red (60%)
- Yellow (71%)
- Blue (84%)



- Cyan (28%)
- Magenta (2%)
- Yellow (0%)
- Black (16%)



- Cyan (40%)
- Magenta (18%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.9476, 57.1773, 71.4600 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 47.9476, 57.1773, 71.4600 by changing the saturation by 10% instead.

■ 47.9476, 57.1773,
71.4600

■ 47.9476, 57.1773,
71.4600

369.1704,
414.1133, 484.5868

■ 33.9965, 41.1476,
52.2335

■ 86.3365, 100.7238,
122.9890

■ 23.0538, 28.4344,
36.8077

■ 111.5051,
129.0095, 156.1287

■ 14.7541, 18.6534,
24.7640

141.1435,
162.1492, 194.7432

■ 8.7322, 11.4201,
15.6839

175.6170,
200.5275, 239.2510

■ 4.6226, 6.3501,
9.1488

215.2912,
244.5286, 290.0708

■ 2.0601, 3.0591,
4.7403

260.5312,

■ 0.6674, 1.1627,

294.5370, 347.6210

2.0396

311.7025,
350.9372, 412.3201

■ 0.0000, 0.0309,
0.5795

■ 0.0000, 0.0000,
0.0000

■ 47.9476, 57.1773,
71.4600

■ 47.9476, 57.1773,
71.4600

■ 43.9345, 54.5953,
71.1741

■ 52.6848, 60.1401,
71.7831

■ 40.6022, 52.3674,
70.9197

■ 58.1764, 63.4949,
72.1413

■ 37.9108, 50.4745,
70.6962

■ 64.4571, 67.2612,
72.5372

■ 35.8138, 48.8926,
70.5014

■ 71.5579, 71.4549,
72.9724

■ 34.2588, 47.5946,
70.3328

■ 77.8319, 75.2270,
73.3698

■ 33.1840, 46.5487,
70.1876

■ 78.1973, 75.9578,
73.4916

■ 32.4987, 45.7082,
70.0614

■ 78.5658, 76.6949,
73.6145

■ 32.3901, 45.5635,
70.0392

■ 78.9375, 77.4383,
73.7384

■ 79.3124, 78.1881,
73.8633

Harmonies

Analogous

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



47.3609, 57.1773, 60.3373



47.9476, 57.1773, 71.4600



50.2147, 57.1773, 81.0335

Triad

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



47.9476, 57.1773, 71.4600



60.5576, 57.1773, 75.2056



55.0252, 57.1773, 43.5868

Complementary

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



47.9476, 57.1773, 71.4600



45.2481, 40.5605, 35.5825

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.



58.6964, 57.1773, 46.6301



47.9476, 57.1773, 71.4600



61.9847, 57.1773, 64.2157

Square

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



47.9476, 57.1773, 71.4600



57.4705, 57.1773, 83.3672



61.2882, 57.1773, 53.8790



51.3355, 57.1773, 45.0490

Rectangle

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



47.9476, 57.1773, 71.4600



52.4326, 57.1773, 84.8084



61.2882, 57.1773, 53.8790



56.3040, 57.1773, 44.1050

Sweetspot

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



47.9493, 57.1796, 71.4613



87.5069, 95.4700, 108.4232



42.9331, 56.7622, 40.1472



18.4451, 20.2619, 23.1887



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.



47.9493, 57.1796, 71.4613



68.2072, 83.4673, 107.1236



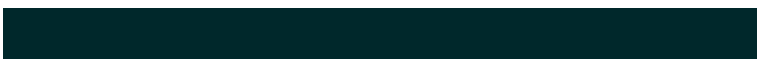
41.4696, 44.2202, 69.3014



12.7181, 13.9595, 15.9617



19.8149, 27.8916, 42.7924



1.2169, 1.7259, 2.5883

Inverse Universe

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



50.3418, 41.5335, 65.6876



72.4318, 56.2297, 96.8411



50.7504, 51.5651, 37.4166



12.9156, 12.6178, 15.4960



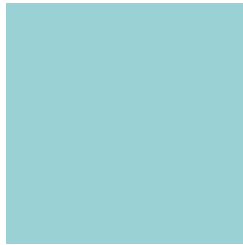
23.0605, 11.1605, 33.9524



1.4019, 0.6776, 2.1058

Previews

White Background



This preview shows how the XYZ color 47.9476, 57.1773, 71.4600 looks on a white background.

Color Contrast Check

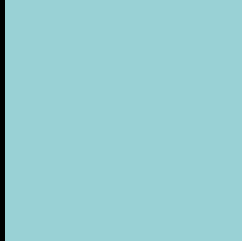
Large Text (above 18pt) WCAG AA × Fail

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 47.9476, 57.1773, 71.4600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

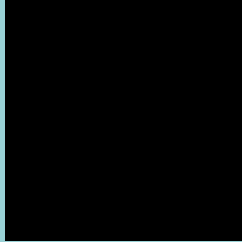
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.9476, 57.1773, 71.4600

Background



This preview shows how black text looks on a background with the XYZ color 47.9476, 57.1773, 71.4600.



This preview shows how white text looks on a background with the XYZ color 47.9476, 57.1773,

71.4600.

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

47.9476, 57.1773, 71.4600

Protanopia

54.9262, 56.6681, 66.4356

Deuteranopia

58.0430, 56.7994, 72.8699



Tritanopia

49.2849, 56.9760, 78.9209

Trichromacy



Original Color

47.9476, 57.1773, 71.4600

Protanomaly

51.9237, 56.4440, 68.4797

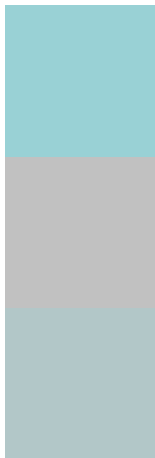
Deuteranomaly

53.6754, 56.5720, 72.3805

Tritanomaly

48.8006, 57.1491, 76.1690

Monochromacy



Original Color

47.9476, 57.1773, 71.4600

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

49.2088, 54.4820, 62.5661

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.9476, 57.1773, 71.4600 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(153, 209, 213)` looks like.

```
.text, #text, p{  
    color:rgb(153, 209, 213)  
}
```

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(153, 209, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 209, 213) }
```

Border

The CSS property to change the border of an element to XYZ 47.9476, 57.1773, 71.4600 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(153, 209, 213) }
```


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

```
.border{ border-color:rgb(153, 209, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 209, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 209, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 209, 213);  
box-shadow:4px 4px 4px 4px rgb(153, 209,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 47.9476, 57.1773, 71.4600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 209, 213) }
```

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

```
.background{ background-color: rgb(153,  
209, 213) }
```

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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