

Converting Colors

XYZ(48.0844, 57.6586, 81.1396)

Have a look what the booklet for
XYZ(48.0844, 57.6586, 81.1396)
contains.

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Color

**XYZ(48.1439, 57.7973,
81.2916)**

Conversions

Conversions Part 1

Format	Color
Hex	8DD3E3
RGB	141, 211, 227
RGB Percent	55%, 83%, 89%
CMY	0.4470, 0.1725, 0.1098
CMYK	0.38, 0.07, 0.00, 0.11
HSL	191°, 61%, 72%
HSV	191°, 38%, 89%
XYZ	48.1439, 57.7973, 81.2916
YIQ	191.8940, -46.8560, -9.8640

Conversions

Conversions Part 2

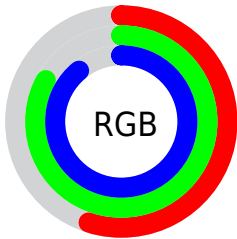
Format	Color
RYB	141, 180, 227
Decimal	9294819
CIELab	80.63, -17.92, -14.84
CIELCh	81, 23.268, 219.627
Yxy	57.7973, 0.2571, 0.3087
Android (android.graphics.Color)	4287484899 (0xFF8DD3E3)
YUV	191.8940, 17.3073, -44.6340
Hunter-Lab	76.0245, -20.0046, -10.1805

Details

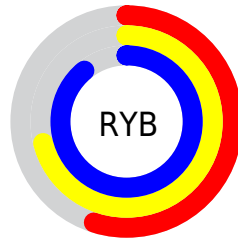
The XYZ color **48.1439, 57.7973, 81.2916** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.5442, 42.3688, 30.8202**, and the grayscale version is **49.9644, 52.5664, 57.2448**.

A 20% lighter version of the original color is **77.0987, 90.7458, 108.0599**, and **23.1726, 28.7339, 43.3546** is the 20% darker color. If you saturate the color by 10%, you get **43.6376, 53.9385, 80.7853**, and if you desaturate by 10%, it is **53.4723, 62.1235, 81.8468**.

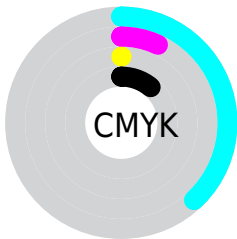
Distribution



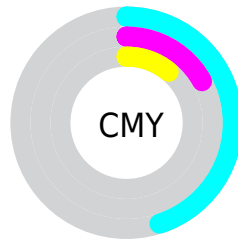
- Red (55%)
- Green (83%)
- Blue (89%)



- Red (55%)
- Yellow (71%)
- Blue (89%)



- Cyan (38%)
- Magenta (7%)
- Yellow (0%)
- Black (11%)



- Cyan (45%)
- Magenta (17%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.1439, 57.7973, 81.2916 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 48.1439, 57.7973, 81.2916 by changing the saturation by 10% instead.

■ 48.1439, 57.7973,
81.2916

■ 48.1439, 57.7973,
81.2916

369.9353,
416.4302, 519.0961

■ 34.1526, 41.6457,
60.2494

■ 86.6270, 101.6276,
137.0079

■ 23.1743, 28.8240,
43.1931

■ 111.8495,
130.0751, 172.5190

■ 14.8437, 18.9477,
29.7041

141.5465,
163.3901, 213.6903

■ 8.7953, 11.6325,
19.3640

176.0832,
201.9569, 260.9401

■ 4.6640, 6.4940,
11.7541

215.8251,
246.1599, 314.6870

■ 2.0842, 3.1477,
6.4560

261.1376,

■ 0.6806, 1.2093,

296.3835, 375.3497

3.0510

312.3858,
353.0122, 443.3465

■ 0.0000, 0.0693,
1.1207

■ 0.0000, 0.0000,
0.0000

■ 48.1439, 57.7973,
81.2916

■ 48.1439, 57.7973,
81.2916

■ 43.6376, 53.9385,
80.7853

■ 53.4723, 62.1235,
81.8468

■ 39.8993, 50.5149,
80.3215

■ 59.6622, 66.9337,
82.4490

■ 36.8765, 47.5005,
79.8990

■ 66.7569, 72.2519,
83.1016

■ 34.5076, 44.8631,
79.5148

■ 74.7950, 78.0982,
83.8064

■ 32.7203, 42.5652,
79.1654

■ 83.8130, 84.4918,
84.5652

■ 31.4143, 40.5548,
78.8462

■ 85.1989, 86.9933,
84.9750

■ 31.1669, 40.1494,
78.7810

■ 86.4315, 89.4584,
85.3858

■ 87.6930, 91.9815,
85.8064

■ 88.9837, 94.5629,
86.2366

Harmonies

Analogous

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



46.3479, 57.7973, 67.4450



48.1439, 57.7973, 81.2916



51.7913, 57.7973, 91.0284

Triad

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



48.1439, 57.7973, 81.2916



64.0258, 57.7973, 72.5647



53.4092, 57.7973, 40.3497

Complementary

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



48.1439, 57.7973, 81.2916



48.5442, 42.3688, 30.8202

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.



58.2026, 57.7973, 41.3075



48.1439, 57.7973, 81.2916



64.5213, 57.7973, 58.6239

Square

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



48.1439, 57.7973, 81.2916



61.0185, 57.7973, 85.5040



62.3356, 57.7973, 47.5675



49.2691, 57.7973, 44.7284

Rectangle

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



48.1439, 57.7973, 81.2916



54.8747, 57.7973, 93.1537



62.3356, 57.7973, 47.5675



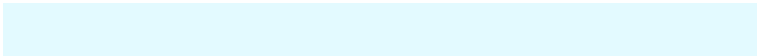
54.9945, 57.7973, 40.0746

Sweetspot

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



48.1457, 57.7996, 81.2929



83.8307, 91.7786, 107.9044



44.5208, 63.0285, 41.6147



17.6695, 19.4400, 23.0710



0.0000, 0.0000, 0.0000



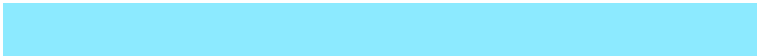
20.3446, 21.4041, 23.3091

Same Dimension

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



48.1457, 57.7996, 81.2929



58.2317, 71.4658, 105.3329



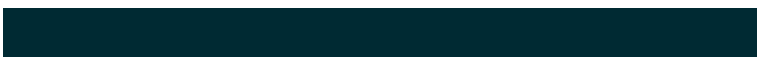
38.8968, 39.3018, 78.2100



14.5676, 15.8565, 18.4372



18.2567, 23.5754, 45.9715



1.4083, 1.8606, 3.4169

Inverse Universe

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



52.9628, 40.0853, 66.5763



65.4562, 46.0099, 83.0122



57.0878, 59.4559, 33.6681



14.8741, 14.5668, 17.5372



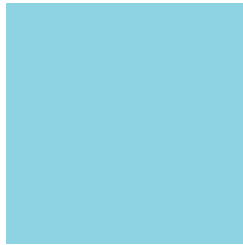
23.6086, 11.5777, 27.8977



1.7745, 0.8675, 2.2190

Previews

White Background



This preview shows how the XYZ color 48.1439, 57.7973, 81.2916 looks on a white background.

Color Contrast Check

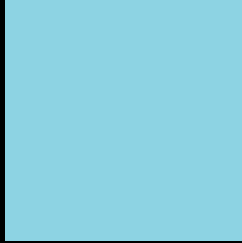
Large Text (above 18pt) WCAG AA × Fail

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 48.1439, 57.7973, 81.2916 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 48.1439, 57.7973, 81.2916

Background



This preview shows how black text looks on a background with the XYZ color 48.1439, 57.7973, 81.2916.



This preview shows how white text looks on a background with the XYZ color 48.1439, 57.7973,

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

48.1439, 57.7973, 81.2916

Protanopia

56.0062, 57.3730, 75.1401

Deuteranopia

58.6174, 57.1905, 83.5507



Tritanopia

48.2824, 57.8527, 82.0207

Trichromacy



Original Color

48.1439, 57.7973, 81.2916

Protanomaly

52.6722, 57.3329, 77.3975

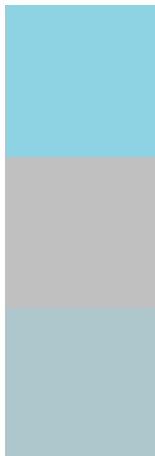
Deuteranomaly

53.9933, 56.8455, 82.9894

Tritanomaly

48.2824, 57.8527, 82.0207

Monochromacy



Original Color

48.1439, 57.7973, 81.2916

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

48.6764, 54.1389, 65.6419

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.1439, 57.7973, 81.2916 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(141, 211, 227)` looks like.

```
.text, #text, p{  
    color:rgb(141, 211, 227)  
}
```

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(141, 211, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 211, 227) }
```

Border

The CSS property to change the border of an element to XYZ 48.1439, 57.7973, 81.2916 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(141, 211, 227) }
```


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

```
.border{ border-color:rgb(141, 211, 227) }
```

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

Here you see how a box with a 4 pixel rgb(141, 211, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 211, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 211, 227);  
box-shadow:4px 4px 4px 4px rgb(141, 211,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 48.1439, 57.7973, 81.2916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 211, 227) }
```

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

```
.background{ background-color: rgb(141,  
211, 227) }
```

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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