

Converting Colors

XYZ(47.2102, 57.3059, 70.6290)

Have a look what the booklet for
XYZ(47.2102, 57.3059, 70.6290)
contains.

XYZ(47.1430, 57.1426, 70.8323)	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(47.1430, 57.1426,
70.8323)**

Conversions

Conversions Part 1

Format	Color
Hex	94D2D4
RGB	148, 210, 212
RGB Percent	58%, 82%, 83%
CMY	0.4196, 0.1765, 0.1686
CMYK	0.30, 0.01, 0.00, 0.17
HSL	182°, 43%, 71%
HSV	182°, 30%, 83%
XYZ	47.1430, 57.1426, 70.8323
YIQ	191.6900, -37.5940, -12.5220

Conversions

Conversions Part 2

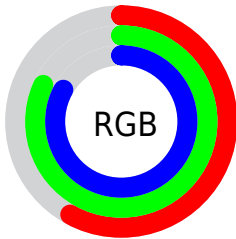
Format	Color
RYB	148, 179, 212
Decimal	9753300
CIELab	80.26, -19.12, -7.33
CIElCh	80, 20.481, 200.972
Yxy	57.1426, 0.2692, 0.3263
Android (android.graphics.Color)	4287943380 (0xFF94D2D4)
YUV	191.6900, 10.0128, -38.3161
Hunter-Lab	75.5927, -20.9667, -2.6413

Details

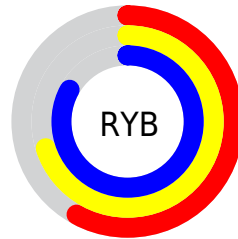
The XYZ color **47.1430, 57.1426, 70.8323** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.4037, 37.9482, 33.0552**, and the grayscale version is **49.8828, 52.4805, 57.1513**.

A 20% lighter version of the original color is **78.7118, 91.5774, 108.1354**, and **22.4232, 28.2567, 36.1705** is the 20% darker color. If you saturate the color by 10%, you get **43.4914, 55.0196, 70.6159**, and if you desaturate by 10%, it is **51.5009, 59.6336, 71.0844**.

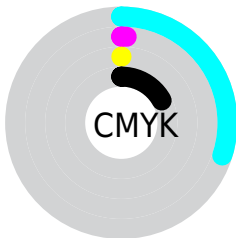
Distribution



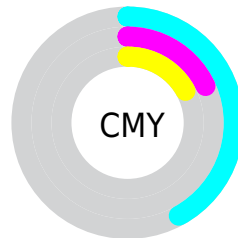
- Red (58%)
- Green (82%)
- Blue (83%)



- Red (58%)
- Yellow (70%)
- Blue (83%)



- Cyan (30%)
- Magenta (1%)
- Yellow (0%)
- Black (17%)



- Cyan (42%)
- Magenta (18%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.1430, 57.1426, 70.8323 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 47.1430, 57.1426, 70.8323 by changing the saturation by 10% instead.

■ 47.1430, 57.1426,
70.8323

■ 47.1430, 57.1426,
70.8323

366.0244,
413.9834, 482.3348

■ 33.3571, 41.1197,
51.7244

■ 85.1445, 100.6732,
122.0871

■ 22.5607, 28.4127,
36.4047

■ 110.0908,
128.9498, 155.0711

■ 14.3884, 18.6370,
24.4547

139.4880,
162.0797, 193.5175

■ 8.4748, 11.4083,
15.4560

173.7014,
200.4474, 237.8449

■ 4.4546, 6.3421,
8.9899

213.0964,
244.4372, 288.4718

■ 1.9624, 3.0542,
4.6378

258.0383,

■ 0.6127, 1.1601,

294.4335, 345.8167

1.9814

308.8926,
350.8208, 410.2982

■ 0.0000, 0.0288,
0.5438

■ 0.0000, 0.0000,
0.0000

■ 47.1430, 57.1426,
70.8323

■ 47.1430, 57.1426,
70.8323

■ 43.4914, 55.0196,
70.6159

■ 51.5009, 59.6336,
71.0844

■ 40.5028, 53.2378,
70.4295

■ 56.5956, 62.5040,
71.3699

■ 38.1367, 51.7780,
70.2725

■ 62.4617, 65.7732,
71.6917

■ 36.3462, 50.6160,
70.1426

■ 69.1304, 69.4571,
72.0513

■ 35.0780, 49.7242,
70.0373

■ 76.6311, 73.5708,
72.4500

■ 34.2684, 49.0699,
69.9536

■ 77.1638, 74.0935,
72.5228

■ 33.8074, 48.6006,
69.8873

■ 77.3316, 74.4291,
72.5788

■ 77.5001, 74.7660,
72.6349

■ 77.6692, 75.1043,
72.6913

Harmonies

Analogous

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



46.7500, 57.1426, 58.6735



47.1430, 57.1426, 70.8323



49.4034, 57.1426, 81.8828

Triad

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



47.1430, 57.1426, 70.8323



60.8030, 57.1426, 77.8798



55.5842, 57.1426, 42.1295

Complementary

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



47.1430, 57.1426, 70.8323



43.4037, 37.9482, 33.0552

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.



59.5361, 57.1426, 45.9852



47.1430, 57.1426, 70.8323



62.6492, 57.1426, 65.9036

Square

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



47.1430, 57.1426, 70.8323



57.2421, 57.1426, 86.3008



62.1740, 57.1426, 54.3331



51.4842, 57.1426, 43.0933

Rectangle

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



47.1430, 57.1426, 70.8323



51.7320, 57.1426, 86.6336



62.1740, 57.1426, 54.3331



56.9770, 57.1426, 42.8844

Sweetspot

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



47.1447, 57.1449, 70.8336



86.8769, 95.4480, 108.4522



41.1874, 55.5560, 37.0154



18.3322, 20.2825, 23.1987



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.



47.1447, 57.1449, 70.8336



68.0480, 84.7332, 107.3764



40.2042, 43.2640, 68.5201



12.7574, 14.0383, 15.9748



20.8851, 30.0320, 43.1491



1.2704, 1.8327, 2.6061

Inverse Universe

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



49.3755, 39.8313, 66.0613



71.9648, 54.5623, 98.9462



49.0352, 49.2112, 34.9324



12.9355, 12.6257, 15.6006



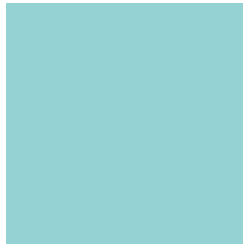
23.6007, 11.3766, 36.7969



1.4289, 0.6883, 2.2478

Previews

White Background



This preview shows how the XYZ color 47.1430, 57.1426, 70.8323 looks on a white background.

Color Contrast Check

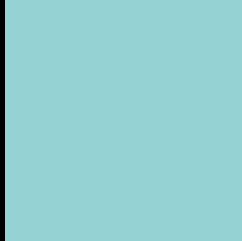
Large Text (above 18pt) WCAG AA × Fail

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 47.1430, 57.1426, 70.8323 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 47.1430, 57.1426, 70.8323

Background



This preview shows how black text looks on a background with the XYZ color 47.1430, 57.1426, 70.8323.

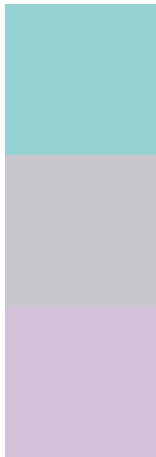


This preview shows how white text looks on a background with the XYZ color 47.1430, 57.1426,

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

47.1430, 57.1426, 70.8323

Protanopia

54.6848, 56.5715, 65.1639

Deuteranopia

58.0430, 56.7994, 72.8699



Tritanopia

48.9090, 57.1273, 79.6831

Trichromacy



Original Color

47.1430, 57.1426, 70.8323

Protanomaly

51.4391, 56.5698, 67.2394

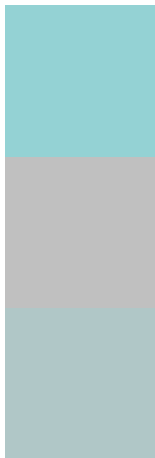
Deuteranomaly

53.1827, 56.3179, 72.3574

Tritanomaly

48.2964, 57.2523, 76.2154

Monochromacy



Original Color

47.1430, 57.1426, 70.8323

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

48.6367, 54.2005, 61.9311

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.1430, 57.1426, 70.8323 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(148, 210, 212) looks like.

```
.text, #text, p{  
    color:rgb(148, 210, 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(148, 210, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 210, 212) }
```

Border

The CSS property to change the border of an element to XYZ 47.1430, 57.1426, 70.8323 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(148, 210, 212) }
```


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

```
.border{ border-color:rgb(148, 210, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 210, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 210, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 210, 212);  
box-shadow:4px 4px 4px 4px rgb(148, 210,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 47.1430, 57.1426, 70.8323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 210, 212) }
```

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

```
.background{ background-color: rgb(148,  
210, 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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