

Converting Colors

XYZ(47.1355, 58.0308, 72.2812)

Have a look what the booklet for
XYZ(47.1355, 58.0308, 72.2812)
contains.

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Color

**XYZ(47.0088, 57.7816,
72.2937)**

Conversions

Conversions Part 1

Format	Color
Hex	8FD4D6
RGB	143, 212, 214
RGB Percent	56%, 83%, 84%
CMY	0.4392, 0.1686, 0.1608
CMYK	0.33, 0.01, 0.00, 0.16
HSL	182°, 46%, 70%
HSV	182°, 33%, 84%
XYZ	47.0088, 57.7816, 72.2937
YIQ	191.5970, -41.7660, -14.0060

Conversions

Conversions Part 2

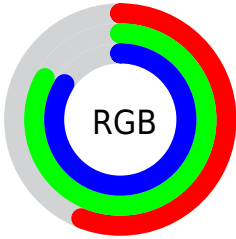
Format	Color
R _{YB}	143, 178, 214
Decimal	9426134
CIE Lab	80.62, -21.04, -7.90
CIE LCh	81, 22.475, 200.573
Yxy	57.7816, 0.2655, 0.3263
Android (android.graphics.Color)	4287616214 (0xFF8FD4D6)
YUV	191.5970, 11.0447, -42.6196
Hunter-Lab	76.0142, -22.6367, -3.1781

Details

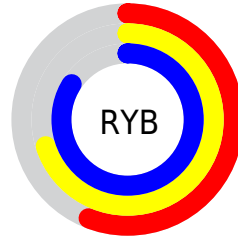
The XYZ color **47.0088, 57.7816, 72.2937** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.8158, 36.5308, 30.7825**, and the grayscale version is **49.8246, 52.4193, 57.0847**.

A 20% lighter version of the original color is **77.3632, 90.8821, 108.0723**, and **22.4348, 28.7410, 37.1660** is the 20% darker color. If you saturate the color by 10%, you get **43.5019, 55.7521, 72.0878**, and if you desaturate by 10%, it is **51.2263, 60.1811, 72.5355**.

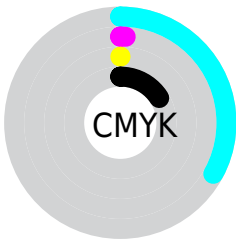
Distribution



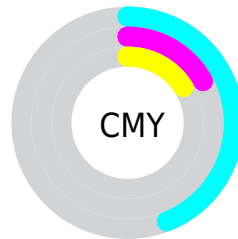
- Red (56%)
- Green (83%)
- Blue (84%)



- Red (56%)
- Yellow (70%)
- Blue (84%)



- Cyan (33%)
- Magenta (1%)
- Yellow (0%)
- Black (16%)





- Cyan (44%)
- Magenta (17%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.0088, 57.7816, 72.2937 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 47.0088, 57.7816, 72.2937 by changing the saturation by 10% instead.

 47.0088, 57.7816,
72.2937

 47.0088, 57.7816,
72.2937


365.4980,
416.3716, 487.5682

 33.2506, 41.6331,
52.9103


 84.9454, 101.6048,
124.1856

 22.4786, 28.8141,
37.3440


 109.8545,
130.0482, 157.5312

 14.3276, 18.9402,
25.1760

139.2113,
163.3587, 196.3680

 8.4321, 11.6271,
15.9880

173.3812,
201.9207, 241.1145

 4.4268, 6.4903,
9.3614

212.7294,
246.1186, 292.1892

 1.9463, 3.1454,
4.8777

257.6214,

 0.6035, 1.2081,

296.3368, 350.0107

2.1182

308.4224,
352.9597, 414.9975

■ 0.0000, 0.0683,
0.6266

■ 0.0000, 0.0000,
0.0000

■ 47.0088, 57.7816,
72.2937

■ 47.0088, 57.7816,
72.2937

■ 43.5019, 55.7521,
72.0878

■ 51.2263, 60.1811,
72.5355

■ 40.6603, 54.0650,
71.9119

■ 56.1865, 62.9629,
72.8111

■ 38.4412, 52.6996,
71.7653

■ 61.9255, 66.1470,
73.1232

■ 36.7949, 51.6303,
71.6457

■ 68.4758, 69.7502,
73.4734

■ 35.6642, 50.8277,
71.5504

■ 75.8678, 73.7882,
73.8632

■ 34.9796, 50.2559,
71.4761

■ 77.8356, 75.0307,
73.9993

■ 34.6887, 49.9570,
71.4337

■ 77.9898, 75.3391,
74.0507

■ 78.1446, 75.6486,
74.1023

■ 78.2999, 75.9593,
74.1541

Harmonies

Analogous

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



46.6070, 57.7816, 58.8352



47.0088, 57.7816, 72.2937



49.4641, 57.7816, 84.7052

Triad

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



47.0088, 57.7816, 72.2937



62.0781, 57.7816, 80.5118



56.3889, 57.7816, 40.9888

Complementary

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



47.0088, 57.7816, 72.2937



42.8158, 36.5308, 30.7825

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.



60.7623, 57.7816, 45.2233



47.0088, 57.7816, 72.2937



64.1663, 57.7816, 67.1778

Square

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



47.0088, 57.7816, 72.2937



58.1038, 57.7816, 89.8928



63.6717, 57.7816, 54.3835



51.8540, 57.7816, 41.9585

Rectangle

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



47.0088, 57.7816, 72.2937



52.0152, 57.7816, 90.1142



63.6717, 57.7816, 54.3835



57.9304, 57.7816, 41.8255

Sweetspot

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



47.0105, 57.7839, 72.2950



86.0544, 95.0234, 108.4135



40.4236, 55.9532, 35.1300



18.1694, 20.2000, 23.1913



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.



47.0105, 57.7839, 72.2950



66.0381, 83.6947, 107.2819



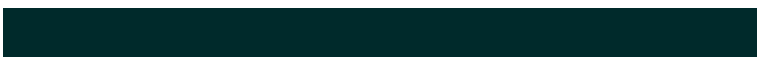
39.2514, 42.2656, 69.7086



12.7608, 14.0451, 15.9759



20.9803, 30.2225, 43.1809



1.2751, 1.8422, 2.6077

Inverse Universe

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



49.4391, 38.6960, 67.1532



70.2225, 51.0790, 98.3615



48.9481, 48.7954, 32.8266



12.9372, 12.6264, 15.6097



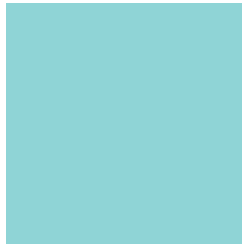
23.6488, 11.3958, 37.0500



1.4313, 0.6893, 2.2603

Previews

White Background



This preview shows how the XYZ color 47.0088, 57.7816, 72.2937 looks on a white background.

Color Contrast Check

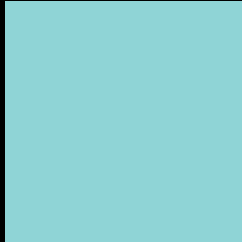
Large Text (above 18pt) WCAG AA × Fail

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 47.0088, 57.7816, 72.2937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

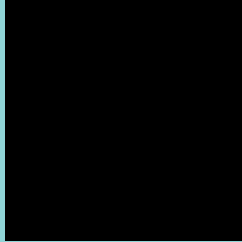
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.0088, 57.7816, 72.2937

Background



This preview shows how black text looks on a background with the XYZ color 47.0088, 57.7816, 72.2937.

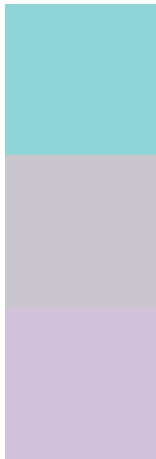


This preview shows how white text looks on a background with the XYZ color 47.0088, 57.7816,

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

47.0088, 57.7816, 72.2937

Protanopia

55.4221, 57.2619, 66.5241

Deuteranopia

58.5250, 57.3472, 74.3142



Tritanopia

48.7658, 57.7502, 81.2497

Trichromacy



Original Color

47.0088, 57.7816, 72.2937

Protanomaly

51.6870, 57.0186, 68.6031

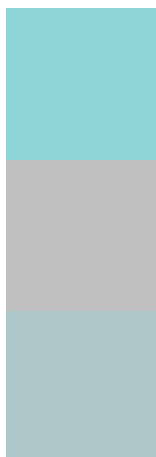
Deuteranomaly

53.6607, 57.2221, 73.8624

Tritanomaly

48.1561, 57.8822, 77.7415

Monochromacy



Original Color

47.0088, 57.7816, 72.2937

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

48.3043, 54.0156, 62.5237

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.0088, 57.7816, 72.2937 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(143, 212, 214)` looks like.

```
.text, #text, p{  
    color:rgb(143, 212, 214)  
}
```

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(143, 212, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 212, 214) }
```

Border

The CSS property to change the border of an element to XYZ 47.0088, 57.7816, 72.2937 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(143, 212, 214) }
```


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

```
.border{ border-color:rgb(143, 212, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 212, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 212, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 212, 214);  
box-shadow:4px 4px 4px 4px rgb(143, 212,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 47.0088, 57.7816, 72.2937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 212, 214) }
```

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

```
.background{ background-color: rgb(143,  
212, 214) }
```

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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