

Converting Colors

XYZ(48.4874, 57.6708, 84.8619)

Have a look what the booklet for
XYZ(48.4874, 57.6708, 84.8619)
contains.

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Color

**XYZ(48.4273, 57.4948,
84.8892)**

Conversions

Conversions Part 1

Format	Color
Hex	8CD2E8
RGB	140, 210, 232
RGB Percent	55%, 82%, 91%
CMY	0.4510, 0.1765, 0.0902
CMYK	0.40, 0.09, 0.00, 0.09
HSL	194°, 67%, 73%
HSV	194°, 40%, 91%
XYZ	48.4273, 57.4948, 84.8892
YIQ	191.5780, -48.7820, -7.9980

Conversions

Conversions Part 2

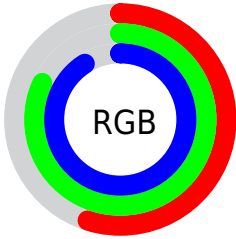
Format	Color
RYB	140, 180, 232
Decimal	9229032
CIELab	80.46, -16.41, -17.77
CIELCh	80, 24.190, 227.272
Yxy	57.4948, 0.2538, 0.3013
Android (android.graphics.Color)	4287419112 (0xFF8CD2E8)
YUV	191.5780, 19.9280, -45.2339
Hunter-Lab	75.8253, -18.6919, -13.2996

Details

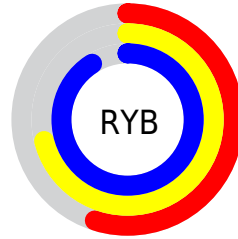
The XYZ color **48.4273, 57.4948, 84.8892** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.9338, 44.8910, 30.7929**, and the grayscale version is **49.7665, 52.3582, 57.0181**.

A 20% lighter version of the original color is **76.8360, 90.6103, 108.0476**, and **23.2140, 28.4621, 45.3445** is the 20% darker color. If you saturate the color by 10%, you get **43.5769, 52.9975, 84.2778**, and if you desaturate by 10%, it is **54.1528, 62.5164, 85.5577**.

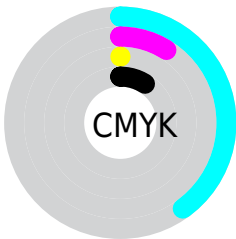
Distribution



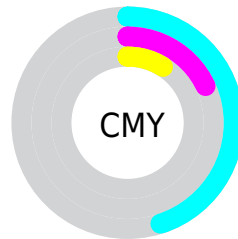
- Red (55%)
- Green (82%)
- Blue (91%)



- Red (55%)
- Yellow (71%)
- Blue (91%)



- Cyan (40%)
- Magenta (9%)
- Yellow (0%)
- Black (9%)



- Cyan (45%)
- Magenta (18%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.4273, 57.4948, 84.8892 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 48.4273, 57.4948, 84.8892 by changing the saturation by 10% instead.

■ 48.4273, 57.4948,
84.8892

■ 48.4273, 57.4948,
84.8892

371.0378,
415.3008, 531.3964

■ 34.3781, 41.4026,
63.2002

■ 87.0461, 101.1868,
142.0911

■ 23.3484, 28.6338,
45.5612

■ 112.3464,
129.5554, 178.4412

■ 14.9731, 18.8040,
31.5535

142.1278,
162.7850, 220.5153

■ 8.8867, 11.5287,
20.7587

176.7555,
201.2599, 268.7321

■ 4.7239, 6.4237,
12.7582

216.5950,
245.3646, 323.5101

■ 2.1193, 3.1044,
7.1335

262.0117,

■ 0.6997, 1.1865,

295.4833, 385.2677

3.4660

313.3708,
352.0006, 454.4237

■ 0.0000, 0.0506,
1.3372

■ 0.0000, 0.0000,
0.0920

■ 48.4273, 57.4948,
84.8892

■ 48.4273, 57.4948,
84.8892

■ 43.5769, 52.9975,
84.2778

■ 54.1528, 62.5164,
85.5577

■ 39.5437, 48.9899,
83.7168

■ 60.7963, 68.0811,
86.2816

■ 36.2706, 45.4432,
83.2047

■ 68.4039, 74.2147,
87.0646

■ 33.6908, 42.3223,
82.7383

■ 77.0173, 80.9393,
87.9086

■ 31.7250, 39.5855,
82.3137

■ 86.3049, 88.0846,
88.7983

■ 30.2424, 37.1647,
81.9246

■ 87.9427, 91.3602,
89.3442

■ 30.1945, 37.0839,
81.9115

■ 89.6307, 94.7363,
89.9069

■ 91.3693, 98.2135,
90.4864

■ 91.5657, 98.6063,
90.5519

Harmonies

Analogous

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



46.0355, 57.4948, 71.0681



48.4273, 57.4948, 84.8892



52.5724, 57.4948, 93.2071

Triad

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



48.4273, 57.4948, 84.8892



64.4890, 57.4948, 68.8155



51.8637, 57.4948, 39.9722

Complementary

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



48.4273, 57.4948, 84.8892



50.9338, 44.8910, 30.7929

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.



56.7756, 57.4948, 39.5580



48.4273, 57.4948, 84.8892



64.2707, 57.4948, 54.8366

Square

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



48.4273, 57.4948, 84.8892



61.9575, 57.4948, 83.0266



61.3778, 57.4948, 44.6031



47.9356, 57.4948, 45.8361

Rectangle

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



48.4273, 57.4948, 84.8892



55.8634, 57.4948, 93.7971



61.3778, 57.4948, 44.6031



53.4486, 57.4948, 39.2264

Sweetspot

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



48.4291, 57.4970, 84.8905



82.3847, 90.0714, 107.6511



46.1475, 65.8797, 44.2198



17.3621, 19.0615, 23.0141



0.0000, 0.0000, 0.0000



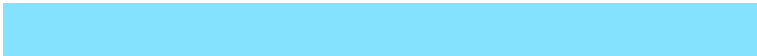
20.3446, 21.4041, 23.3091

Same Dimension

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



48.4291, 57.4970, 84.8905



54.7835, 66.4214, 104.5410



38.7533, 38.1455, 81.6653



14.5001, 15.7216, 18.4147



16.8648, 20.7916, 45.5075



1.3167, 1.6773, 3.3863

Inverse Universe

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



54.2912, 40.5667, 65.9438



63.2636, 43.4020, 76.8022



60.4397, 63.9028, 33.9615



14.8400, 14.5532, 17.3579



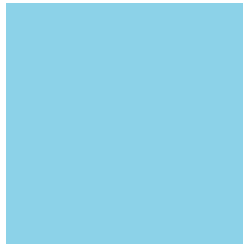
22.9061, 11.2966, 24.1980



1.7282, 0.8490, 1.9754

Previews

White Background



This preview shows how the XYZ color 48.4273, 57.4948, 84.8892 looks on a white background.

Color Contrast Check

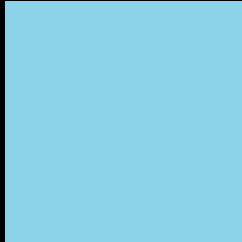
Large Text (above 18pt) WCAG AA × Fail

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 48.4273, 57.4948, 84.8892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

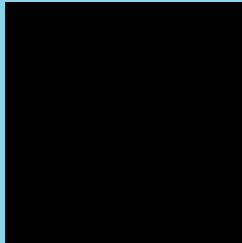
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.4273, 57.4948, 84.8892

Background



This preview shows how black text looks on a background with the XYZ color 48.4273, 57.4948, 84.8892.

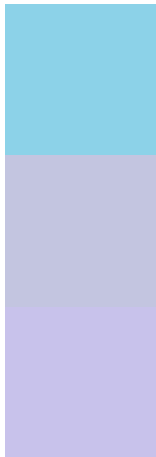


This preview shows how white text looks on a background with the XYZ color 48.4273, 57.4948,

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

48.4273, 57.4948, 84.8892

Protanopia

55.9265, 56.9164, 78.5593

Deuteranopia

58.1066, 56.8611, 86.5100



Tritanopia

47.9453, 57.6789, 82.0049

Trichromacy



Original Color

48.4273, 57.4948, 84.8892

Protanomaly

52.6649, 56.9011, 80.8803

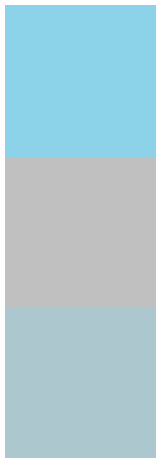
Deuteranomaly

53.8657, 56.7140, 85.9498

Tritanomaly

48.0846, 57.7346, 82.7383

Monochromacy



Original Color

48.4273, 57.4948, 84.8892

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

48.9195, 54.2361, 66.9218

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.4273, 57.4948, 84.8892 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(140, 210, 232)` looks like.

```
.text, #text, p{  
    color:rgb(140, 210, 232)  
}
```

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(140, 210, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 210, 232) }
```

Border

The CSS property to change the border of an element to XYZ 48.4273, 57.4948, 84.8892 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(140, 210, 232) }
```


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

```
.border{ border-color:rgb(140, 210, 232) }
```

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

Here you see how a box with a 4 pixel rgb(140, 210, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 210, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 210, 232);  
box-shadow:4px 4px 4px 4px rgb(140, 210,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 48.4273, 57.4948, 84.8892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 210, 232) }
```

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

```
.background{ background-color: rgb(140,  
210, 232) }
```

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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