

Converting Colors

XYZ(47.9482, 57.6661, 82.9491)

Have a look what the booklet for
XYZ(47.9482, 57.6661, 82.9491)
contains.

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Color

**XYZ(47.9184, 57.6489,
82.7305)**

Conversions

Conversions Part 1

Format	Color
Hex	8AD3E5
RGB	138, 211, 229
RGB Percent	54%, 83%, 90%
CMY	0.4588, 0.1725, 0.1020
CMYK	0.40, 0.08, 0.00, 0.10
HSL	192°, 64%, 72%
HSV	192°, 40%, 90%
XYZ	47.9184, 57.6489, 82.7305
YIQ	191.2250, -49.2860, -9.8780

Conversions

Conversions Part 2

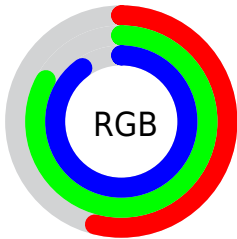
Format	Color
RYB	138, 179, 229
Decimal	9098213
CIELab	80.54, -18.19, -16.05
CIELCh	81, 24.255, 221.422
Yxy	57.6489, 0.2545, 0.3062
Android (android.graphics.Color)	4287288293 (0xFF8AD3E5)
YUV	191.2250, 18.6231, -46.6783
Hunter-Lab	75.9269, -20.2184, -11.4540

Details

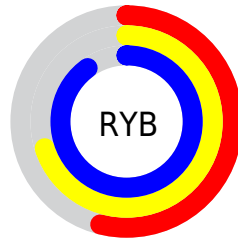
The XYZ color **47.9184, 57.6489, 82.7305** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.7902, 42.2711, 29.6341**, and the grayscale version is **49.5691, 52.1505, 56.7919**.

A 20% lighter version of the original color is **76.3157, 90.3421, 108.0232**, and **23.0081, 28.6268, 44.3573** is the 20% darker color. If you saturate the color by 10%, you get **43.4127, 53.6804, 82.2030**, and if you desaturate by 10%, it is **53.2581, 62.0971, 83.3087**.

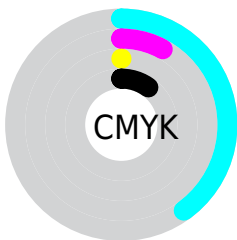
Distribution



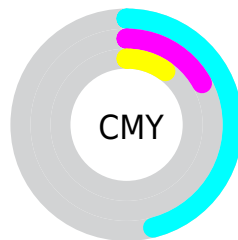
- Red (54%)
- Green (83%)
- Blue (90%)



- Red (54%)
- Yellow (70%)
- Blue (90%)



- Cyan (40%)
- Magenta (8%)
- Yellow (0%)
- Black (10%)



- Cyan (46%)
- Magenta (17%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.9184, 57.6489, 82.7305 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 47.9184, 57.6489, 82.7305 by changing the saturation by 10% instead.

47.9184, 57.6489,
82.7305

47.9184, 57.6489,
82.7305

369.0566,
415.8764, 524.0354

33.9733, 41.5264,
61.4285

86.2933, 101.4114,
139.0438

23.0358, 28.7307,
44.1383

111.4538,
129.8202, 174.8922

14.7408, 18.8772,
30.4413

141.0835,
163.0933, 216.4265

8.7228, 11.5816,
19.9189

175.5476,
201.6151, 264.0652

4.6165, 6.4594,
12.1526

215.2117,
245.7699, 318.2270

2.0565, 3.1264,
6.7239

260.4409,

0.6654, 1.1981,

295.9421, 379.3302

3.2142

311.6008,
352.5161, 447.7935

■ 0.0000, 0.0601,
1.2050

■ 0.0000, 0.0000,
0.0000

■ 47.9184, 57.6489,
82.7305

■ 47.9184, 57.6489,
82.7305

■ 43.4127, 53.6804,
82.2030

■ 53.2581, 62.0971,
83.3087

■ 39.6847, 50.1582,
81.7196

■ 59.4730, 67.0425,
83.9357

■ 36.6797, 47.0551,
81.2790

■ 66.6077, 72.5099,
84.6149

■ 34.3329, 44.3371,
80.8781

■ 74.7023, 78.5204,
85.3484

■ 32.5676, 41.9645,
80.5132

■ 83.7945, 85.0937,
86.1380

■ 31.2553, 39.8705,
80.1782

■ 86.0098, 88.1708,
86.6152

■ 31.2230, 39.8171,
80.1696

■ 87.3465, 90.8442,
87.0608

■ 88.7167, 93.5844,
87.5175

■ 90.1204, 96.3920,
87.9854

Harmonies

Analogous

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



45.9284, 57.6489, 68.3621



47.9184, 57.6489, 82.7305



51.7973, 57.6489, 92.5380

Triad

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



47.9184, 57.6489, 82.7305



64.3865, 57.6489, 71.9243



52.9180, 57.6489, 39.5321

Complementary

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



47.9184, 57.6489, 82.7305



48.7902, 42.2711, 29.6341

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.



57.9032, 57.6489, 40.1870



47.9184, 57.6489, 82.7305



64.7318, 57.6489, 57.4912

Square

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



47.9184, 57.6489, 82.7305



61.3801, 57.6489, 85.6762



62.2967, 57.6489, 46.3096



48.6959, 57.6489, 44.3601

Rectangle

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



47.9184, 57.6489, 82.7305



55.0316, 57.6489, 94.3915



62.2967, 57.6489, 46.3096



54.5562, 57.6489, 39.1403

Sweetspot

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



47.9202, 57.6511, 82.7318



82.7741, 90.8504, 107.7810



44.3918, 63.7991, 40.8476



17.4542, 19.2456, 23.0448



0.0000, 0.0000, 0.0000



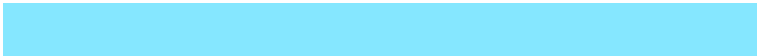
20.3446, 21.4041, 23.3091

Same Dimension

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



47.9202, 57.6511, 82.7318



56.1773, 69.2090, 105.0056



38.4108, 38.6325, 79.5621



14.5526, 15.8266, 18.4322



17.9380, 22.9381, 45.8652



1.3875, 1.8189, 3.4099

Inverse Universe

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



53.1610, 39.5398, 66.4604



63.9672, 43.6835, 80.5070



57.5986, 59.8880, 32.5703



14.8665, 14.5638, 17.4974



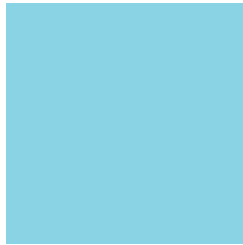
23.4478, 11.5133, 27.0507



1.7640, 0.8633, 2.1635

Previews

White Background



This preview shows how the XYZ color 47.9184, 57.6489, 82.7305 looks on a white background.

Color Contrast Check

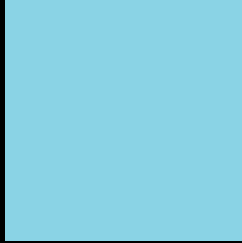
Large Text (above 18pt) WCAG AA × Fail

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 47.9184, 57.6489, 82.7305 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 47.9184, 57.6489, 82.7305

Background



This preview shows how black text looks on a background with the XYZ color 47.9184, 57.6489, 82.7305.



This preview shows how white text looks on a background with the XYZ color 47.9184, 57.6489,

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

47.9184, 57.6489, 82.7305

Protanopia

55.8773, 57.2912, 75.8234

Deuteranopia

58.3569, 57.0233, 85.0217



Tritanopia

47.7791, 57.5932, 81.9972

Trichromacy



Original Color

47.9184, 57.6489, 82.7305

Protanomaly

52.3544, 57.1535, 78.0844

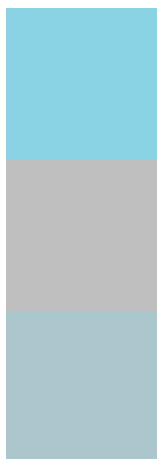
Deuteranomaly

53.8102, 56.7185, 84.4556

Tritanomaly

47.7791, 57.5932, 81.9972

Monochromacy



Original Color

47.9184, 57.6489, 82.7305

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

48.2268, 53.5666, 65.5552

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.9184, 57.6489, 82.7305 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(138, 211, 229)` looks like.

```
.text, #text, p{  
    color:rgb(138, 211, 229)  
}
```

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(138, 211, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 211, 229) }
```

Border

The CSS property to change the border of an element to XYZ 47.9184, 57.6489, 82.7305 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(138, 211, 229) }
```


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

```
.border{ border-color:rgb(138, 211, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 211, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 211, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 211, 229);  
box-shadow:4px 4px 4px 4px rgb(138, 211,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 47.9184, 57.6489, 82.7305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 211, 229) }
```

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

```
.background{ background-color: rgb(138,  
211, 229) }
```

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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