

Converting Colors

XYZ(49.0754, 55.0276, 73.4388)

Have a look what the booklet for
XYZ(49.0754, 55.0276, 73.4388)
contains.

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Color

**XYZ(48.9281, 54.7824,
73.6409)**

Conversions

Conversions Part 1

Format	Color
Hex	A5C9D9
RGB	165, 201, 217
RGB Percent	65%, 79%, 85%
CMY	0.3529, 0.2117, 0.1490
CMYK	0.24, 0.07, 0.00, 0.15
HSL	198°, 41%, 75%
HSV	198°, 24%, 85%
XYZ	48.9281, 54.7824, 73.6409
YIQ	192.0600, -26.5920, -2.6560

Conversions

Conversions Part 2

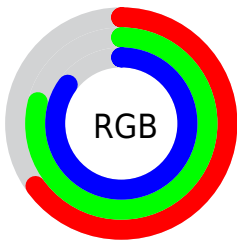
Format	Color
RYB	165, 186, 217
Decimal	10865113
CIELab	78.92, -8.40, -11.91
CIELCh	79, 14.572, 234.809
Yxy	54.7824, 0.2759, 0.3089
Android (android.graphics.Color)	4289055193 (0xFFA5C9D9)
YUV	192.0600, 12.2954, -23.7316
Hunter-Lab	74.0151, -11.5281, -7.1796

Details

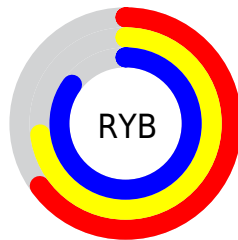
The XYZ color **48.9281, 54.7824, 73.6409** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **51.9313, 50.5163, 42.6121**, and the grayscale version is **50.0809, 52.6890, 57.3783**.

A 20% lighter version of the original color is **83.6288, 94.1122, 108.3655**, and **23.6374, 26.9208, 38.1328** is the 20% darker color. If you saturate the color by 10%, you get **43.2696, 49.6063, 72.9409**, and if you desaturate by 10%, it is **55.4234, 60.4931, 74.4017**.

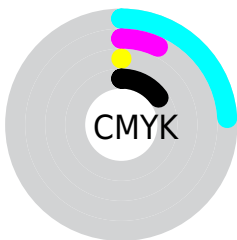
Distribution



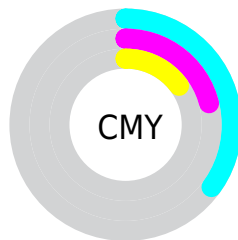
- Red (65%)
- Green (79%)
- Blue (85%)



- Red (65%)
- Yellow (73%)
- Blue (85%)



- Cyan (24%)
- Magenta (7%)
- Yellow (0%)
- Black (15%)



- Cyan (35%)
- Magenta (21%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.9281, 54.7824, 73.6409 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 48.9281, 54.7824, 73.6409 by changing the saturation by 10% instead.

■ 48.9281, 54.7824,
73.6409

■ 48.9281, 54.7824,
73.6409

372.9809,
405.0866, 492.3633

■ 34.7767, 39.2275,
54.0052

■ 87.7860, 97.2221,
126.1160

■ 23.6567, 26.9368,
38.2126

■ 113.2233,
124.8756, 159.7924

■ 15.2025, 17.5257,
25.8446

143.1533,
157.3309, 198.9861

■ 9.0489, 10.6100,
16.4827

177.9413,
194.9723, 244.1157

■ 4.8304, 5.8053,
9.7083

217.9527,
238.1842, 295.5996

■ 2.1818, 2.7270,
5.1029

263.5528,

■ 0.7331, 0.9909,

287.3509, 353.8565

2.2480

315.1071,
342.8569, 419.3049

■ 0.0000, 0.0000,
0.7019

■ 0.0000, 0.0000,
0.0000

■ 48.9281, 54.7824,
73.6409

■ 48.9281, 54.7824,
73.6409

■ 43.2696, 49.6063,
72.9409

■ 55.4234, 60.4931,
74.4017

■ 38.4034, 44.9364,
72.2960

■ 62.7872, 66.7517,
75.2217

■ 34.2883, 40.7516,
71.7052

■ 71.0557, 73.5797,
76.1038

■ 30.8771, 37.0263,
71.1659

■ 80.2613, 80.9948,
77.0499

■ 28.1170, 33.7318,
70.6755

■ 83.2968, 85.3343,
77.7275

■ 25.9468, 30.8353,
70.2308

■ 85.2376, 89.2159,
78.3744

■ 24.2926, 28.2973,
69.8281

■ 87.2508, 93.2424,
79.0455

■ 23.4695, 26.8997,
69.6017

■ 89.3372, 97.4152,
79.7410

■ 89.5246, 97.7898,
79.8034

Harmonies

Analogous

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



47.1804, 54.7824, 66.5874



48.9281, 54.7824, 73.6409



51.5673, 54.7824, 76.9658

Triad

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



48.9281, 54.7824, 73.6409



57.8087, 54.7824, 61.1019



49.7693, 54.7824, 46.3230

Complementary

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



48.9281, 54.7824, 73.6409



51.9313, 50.5163, 42.6121

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.



52.5740, 54.7824, 45.1459



48.9281, 54.7824, 73.6409



57.2842, 54.7824, 53.2096

Square

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



48.9281, 54.7824, 73.6409



56.7494, 54.7824, 69.3106



55.3416, 54.7824, 47.5517



47.6533, 54.7824, 50.9293

Rectangle

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



48.9281, 54.7824, 73.6409



53.5041, 54.7824, 76.4172



55.3416, 54.7824, 47.5517



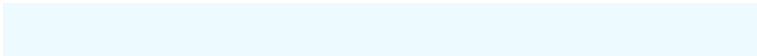
50.6599, 54.7824, 45.5323

Sweetspot

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



48.9297, 54.7846, 73.6421



87.0582, 93.3165, 108.0312



48.6305, 60.9459, 52.7030



18.4930, 19.8543, 23.1075



0.0000, 0.0000, 0.0000



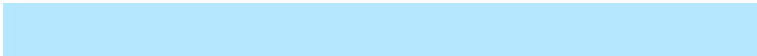
20.3446, 21.4041, 23.3091

Same Dimension

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



48.9297, 54.7846, 73.6421



66.0447, 74.9036, 105.5847



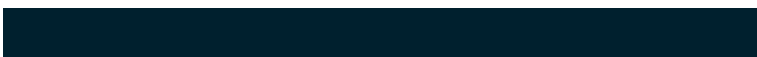
43.4506, 43.8263, 71.8158



13.0893, 14.1183, 16.6874



14.3046, 16.4786, 42.1652



1.0018, 1.2176, 2.7567

Inverse Universe

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



52.6144, 45.8804, 61.3436



72.3750, 60.1685, 84.3290



57.6238, 61.9014, 44.5096



13.4349, 13.2031, 15.5516



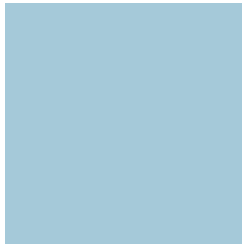
20.7156, 10.2873, 18.6803



1.3799, 0.6816, 1.4096

Previews

White Background



This preview shows how the XYZ color 48.9281, 54.7824, 73.6409 looks on a white background.

Color Contrast Check

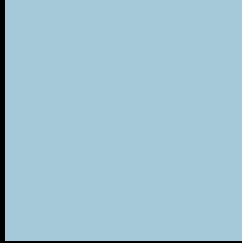
Large Text (above 18pt) WCAG AA × Fail

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 48.9281, 54.7824, 73.6409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

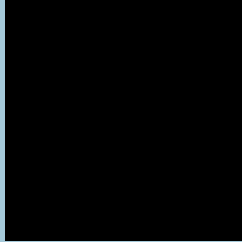
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.9281, 54.7824, 73.6409

Background



This preview shows how black text looks on a background with the XYZ color 48.9281, 54.7824, 73.6409.



This preview shows how white text looks on a background with the XYZ color 48.9281, 54.7824,

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

48.9281, 54.7824, 73.6409

Protanopia

53.1678, 54.6745, 70.0383

Deuteranopia

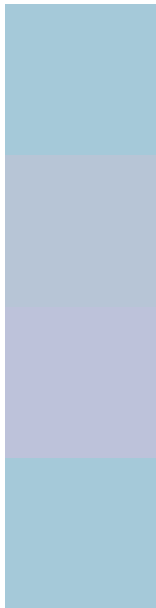
55.5568, 54.4979, 74.6088



Tritanopia

48.9281, 54.7824, 73.6409

Trichromacy



Original Color

48.9281, 54.7824, 73.6409

Protanomaly

51.6323, 54.8548, 71.4851

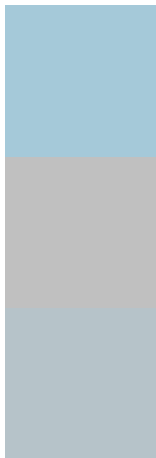
Deuteranomaly

52.9329, 54.4643, 74.0525

Tritanomaly

48.9281, 54.7824, 73.6409

Monochromacy



Original Color

48.9281, 54.7824, 73.6409

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

49.3491, 53.1923, 62.9245

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.9281, 54.7824, 73.6409 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(165, 201, 217)` looks like.

```
.text, #text, p{  
    color:rgb(165, 201, 217)  
}
```

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(165, 201, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 201, 217) }
```

Border

The CSS property to change the border of an element to XYZ 48.9281, 54.7824, 73.6409 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(165, 201, 217) }
```


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

```
.border{ border-color:rgb(165, 201, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 201, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 201, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 201, 217);  
box-shadow:4px 4px 4px 4px rgb(165, 201,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 48.9281, 54.7824, 73.6409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 201, 217) }
```

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

```
.background{ background-color: rgb(165,  
201, 217) }
```

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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