

Converting Colors

XYZ(48.9284, 52.6857, 75.9972)

Have a look what the booklet for
XYZ(48.9284, 52.6857, 75.9972)
contains.

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Color

**XYZ(48.9284, 52.6857,
75.9972)**

Conversions

Conversions Part 1

Format	Color
Hex	A9C3DD
RGB	169, 195, 221
RGB Percent	66%, 76%, 87%
CMY	0.3372, 0.2353, 0.1333
CMYK	0.24, 0.12, 0.00, 0.13
HSL	210°, 43%, 76%
HSV	210°, 24%, 87%
XYZ	48.9284, 52.6857, 75.9972
YIQ	190.1900, -23.8420, 2.5740

Conversions

Conversions Part 2

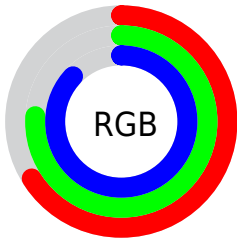
Format	Color
RYB	169, 186, 221
Decimal	11125725
CIELab	77.69, -3.11, -15.88
CIELCh	78, 16.178, 258.919
Yxy	52.6857, 0.2755, 0.2966
Android (android.graphics.Color)	4289315805 (0xFFA9C3DD)
YUV	190.1900, 15.1893, -18.5836
Hunter-Lab	72.5849, -6.6994, -11.2678

Details

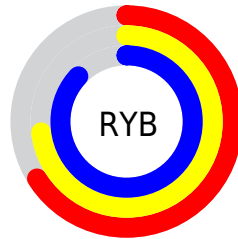
The XYZ color **48.9284, 52.6857, 75.9972** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **56.4958, 57.2670, 45.6132**, and the grayscale version is **48.9793, 51.5301, 56.1162**.

A 20% lighter version of the original color is **83.9117, 92.8484, 108.1066**, and **23.6103, 25.5159, 39.7571** is the 20% darker color. If you saturate the color by 10%, you get **42.1975, 45.6768, 75.0000**, and if you desaturate by 10%, it is **56.6470, 60.4784, 77.0954**.

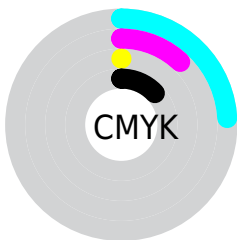
Distribution



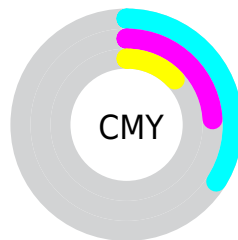
- Red (66%)
- Green (76%)
- Blue (87%)



- Red (66%)
- Yellow (73%)
- Blue (87%)



- Cyan (24%)
- Magenta (12%)
- Yellow (0%)
- Black (13%)



- Cyan (34%)
- Magenta (24%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.9284, 52.6857, 75.9972 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 48.9284, 52.6857, 75.9972 by changing the saturation by 10% instead.

■ 48.9284, 52.6857,
75.9972

■ 48.9284, 52.6857,
75.9972

372.9820,
397.0781, 500.6847

■ 34.7770, 37.5519,
55.9236

■ 87.7865, 94.1417,
129.4830

■ 23.6568, 25.6351,
39.7381

113.2238,
121.2328, 163.7323

■ 15.2026, 16.5509,
27.0221

143.1539,
153.0783, 203.5438

■ 9.0490, 9.9148,
17.3573

177.9420,
190.0628, 249.3362

■ 4.8305, 5.3425,
10.3249

217.9535,
232.5707, 301.5279

■ 2.1819, 2.4496,
5.5065

263.5538,

■ 0.7332, 0.8512,

280.9862, 360.5375

2.4835

315.1082,
335.6939, 426.7836

■ 0.0000, 0.0000,
0.8314

■ 0.0000, 0.0000,
0.0000

■ 48.9284, 52.6857,
75.9972

■ 48.9284, 52.6857,
75.9972

■ 42.1975, 45.6768,
75.0000

■ 56.6470, 60.4784,
77.0954

■ 36.4054, 39.4167,
74.0969

■ 65.3899, 69.0754,
78.2940

■ 31.5058, 33.8767,
73.2858

■ 75.1974, 78.5044,
79.5971

■ 27.4463, 29.0237,
72.5631

■ 85.2165, 88.3310,
80.9657

■ 24.1684, 24.8209,
71.9246

■ 88.5545, 95.0069,
82.0784

■ 21.6050, 21.2269,
71.3660

■ 90.0513, 98.0005,
82.5773

■ 19.6756, 18.1933,
70.8822

■ 18.6825, 16.4828,
70.6043

Harmonies

Analogous

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



46.2246, 52.6857, 71.3634



48.9284, 52.6857, 75.9972



52.0530, 52.6857, 75.2640

Triad

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



48.9284, 52.6857, 75.9972



55.9878, 52.6857, 51.9568



45.6753, 52.6857, 46.7688

Complementary

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



48.9284, 52.6857, 75.9972



56.4958, 57.2670, 45.6132

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.



48.1501, 52.6857, 42.5570



48.9284, 52.6857, 75.9972



54.1359, 52.6857, 45.3298

Square

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



48.9284, 52.6857, 75.9972



56.2175, 52.6857, 60.7425



51.2418, 52.6857, 42.0592



44.3993, 52.6857, 54.1165

Rectangle

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



48.9284, 52.6857, 75.9972



53.9529, 52.6857, 71.8479



51.2418, 52.6857, 42.0592



46.3897, 52.6857, 44.9735

Sweetspot

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



48.9300, 52.6878, 75.9984



86.0040, 91.2080, 107.6798



51.9723, 64.0500, 60.7422



18.2487, 19.3657, 23.0261



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.



48.9300, 52.6878, 75.9984



63.1321, 68.1824, 104.4408



43.7642, 42.3561, 74.2764



12.8739, 13.6876, 16.6156



10.9662, 9.8018, 41.0524



0.7966, 0.8074, 2.6883

Inverse Universe

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



53.8584, 47.6895, 57.9985



71.1236, 60.5055, 75.1574



62.6094, 69.4941, 47.6511



13.3262, 13.1596, 14.9792



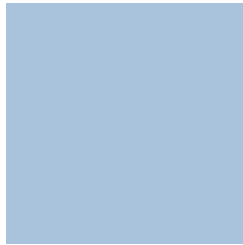
19.0305, 9.6133, 9.8068



1.2764, 0.6402, 0.8644

Previews

White Background



This preview shows how the XYZ color 48.9284, 52.6857, 75.9972 looks on a white background.

Color Contrast Check

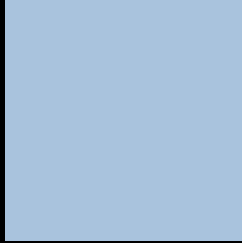
Large Text (above 18pt) WCAG AA × Fail

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 48.9284, 52.6857, 75.9972 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

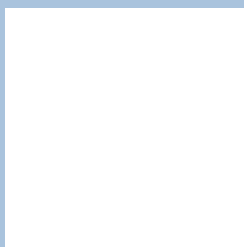
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.9284, 52.6857, 75.9972

Background



This preview shows how black text looks on a background with the XYZ color 48.9284, 52.6857, 75.9972.



This preview shows how white text looks on a background with the XYZ color 48.9284, 52.6857,

75.9972.

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

48.9284, 52.6857, 75.9972

Protanopia

51.5619, 52.4537, 73.7366

Deuteranopia

53.5953, 52.4705, 77.1151



Tritanopia

47.5599, 52.4488, 69.9043

Trichromacy



Original Color

48.9284, 52.6857, 75.9972

Protanomaly

50.4582, 52.5170, 74.4952

Deuteranomaly

51.8480, 52.5399, 76.5158

Tritanomaly

48.1541, 52.7110, 71.9262

Monochromacy



Original Color

48.9284, 52.6857, 75.9972

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

48.6837, 51.8614, 62.7027

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.9284, 52.6857, 75.9972 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(169, 195, 221)` looks like.

```
.text, #text, p{  
    color:rgb(169, 195, 221)  
}
```

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(169, 195, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 195, 221) }
```

Border

The CSS property to change the border of an element to XYZ 48.9284, 52.6857, 75.9972 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(169, 195, 221) }
```


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

```
.border{ border-color:rgb(169, 195, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 195, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 195, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 195, 221);  
box-shadow:4px 4px 4px 4px rgb(169, 195,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 48.9284, 52.6857, 75.9972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 195, 221) }
```

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

```
.background{ background-color: rgb(169,  
195, 221) }
```

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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