

Converting Colors

XYZ(48.3722, 54.5483, 74.3830)

Have a look what the booklet for
XYZ(48.3722, 54.5483, 74.3830)
contains.

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Color

**XYZ(48.2395, 54.4123,
74.2898)**

Conversions

Conversions Part 1

Format	Color
Hex	A1C9DA
RGB	161, 201, 218
RGB Percent	63%, 79%, 85%
CMY	0.3686, 0.2117, 0.1451
CMYK	0.26, 0.08, 0.00, 0.15
HSL	198°, 44%, 74%
HSV	198°, 26%, 85%
XYZ	48.2395, 54.4123, 74.2898
YIQ	190.9780, -29.2970, -3.1930

Conversions

Conversions Part 2

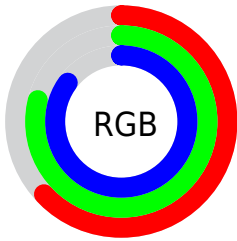
Format	Color
RYB	161, 185, 218
Decimal	10602970
CIELab	78.70, -9.36, -12.79
CIELCh	79, 15.852, 233.798
Yxy	54.4123, 0.2726, 0.3075
Android (android.graphics.Color)	4288793050 (0xFFA1C9DA)
YUV	190.9780, 13.3218, -26.2907
Hunter-Lab	73.7647, -12.3555, -8.0768

Details

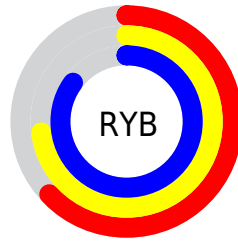
The XYZ color **48.2395, 54.4123, 74.2898** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **51.2676, 49.3199, 40.5372**, and the grayscale version is **49.4472, 52.0223, 56.6523**.

A 20% lighter version of the original color is **82.4253, 93.4917, 108.3092**, and **23.2289, 26.6999, 38.5796** is the 20% darker color. If you saturate the color by 10%, you get **42.7403, 49.3763, 73.6085**, and if you desaturate by 10%, it is **54.5720, 59.9759, 75.0308**.

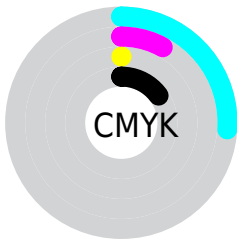
Distribution



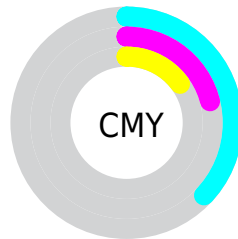
- Red (63%)
- Green (79%)
- Blue (85%)



- Red (63%)
- Yellow (73%)
- Blue (85%)



- Cyan (26%)
- Magenta (8%)
- Yellow (0%)
- Black (15%)



- Cyan (37%)
- Magenta (21%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.2395, 54.4123, 74.2898 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 48.2395, 54.4123, 74.2898 by changing the saturation by 10% instead.

■ 48.2395, 54.4123,
74.2898

■ 48.2395, 54.4123,
74.2898

370.3075,
403.6803, 494.6631

■ 34.2286, 38.9314,
54.5330

■ 86.7684, 96.6793,
127.0444

■ 23.2330, 26.7064,
38.6319

■ 112.0172,
124.2343, 160.8793

■ 14.8873, 17.3528,
26.1679

141.7426,
156.5827, 200.2439

■ 8.8261, 10.4864,
16.7224

176.3101,
194.1089, 245.5569

■ 4.6841, 5.7226,
9.8769

216.0850,
237.1974, 297.2368

■ 2.0960, 2.6771,
5.2129

261.4326,

■ 0.6870, 0.9656,

286.2325, 355.7021

2.3118

312.7183,
341.5987, 421.3714

■ 0.0000, 0.0000,
0.7378

■ 0.0000, 0.0000,
0.0000

■ 48.2395, 54.4123,
74.2898

■ 48.2395, 54.4123,
74.2898

■ 42.7403, 49.3763,
73.6085

■ 54.5720, 59.9759,
75.0308

■ 38.0290, 44.8391,
72.9810

■ 61.7706, 66.0809,
75.8298

■ 34.0631, 40.7791,
72.4064

■ 69.8722, 72.7489,
76.6899

■ 30.7939, 37.1699,
71.8821

■ 78.9099, 79.9982,
77.6128

■ 28.1663, 33.9820,
71.4052

■ 83.1782, 84.8884,
78.3317

■ 26.1164, 31.1810,
70.9726

■ 85.0581, 88.6480,
78.9583

■ 24.5644, 28.7247,
70.5803

■ 87.0064, 92.5448,
79.6078

■ 24.0449, 27.8416,
70.4373

■ 89.0241, 96.5801,
80.2803

■ 89.6551, 97.8420,
80.4906

Harmonies

Analogous

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



46.3978, 54.4123, 66.4852



48.2395, 54.4123, 74.2898



51.0691, 54.4123, 78.1099

Triad

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



48.2395, 54.4123, 74.2898



57.9416, 54.4123, 61.1296



49.3239, 54.4123, 44.8179

Complementary

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



48.2395, 54.4123, 74.2898



51.2676, 49.3199, 40.5372

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.



52.3709, 54.4123, 43.6932



48.2395, 54.4123, 74.2898



57.4285, 54.4123, 52.5519

Square

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



48.2395, 54.4123, 74.2898



56.7333, 54.4123, 70.0334



55.3583, 54.4123, 46.3835



47.0059, 54.4123, 49.6270

Rectangle

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



48.2395, 54.4123, 74.2898



53.1677, 54.4123, 77.6336



55.3583, 54.4123, 46.3835



50.2935, 54.4123, 44.0180

Sweetspot

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



48.2411, 54.4145, 74.2910



86.0289, 92.5139, 107.9305



47.7213, 60.9013, 50.9146



18.0707, 19.5130, 23.0639



0.0000, 0.0000, 0.0000



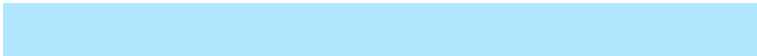
20.3446, 21.4041, 23.3091

Same Dimension

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



48.2411, 54.4145, 74.2910



64.6386, 73.8352, 105.4525



42.3649, 42.6619, 72.3323



13.1000, 14.1397, 16.6909



14.5032, 16.8758, 42.2314



1.0134, 1.2410, 2.7606

Inverse Universe

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



52.2023, 44.6136, 61.1207



71.2397, 58.0847, 83.3743



57.3347, 61.4540, 42.5595



13.4403, 13.2052, 15.5800



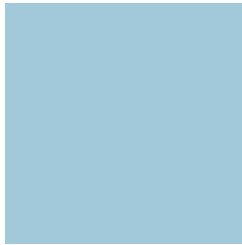
20.8159, 10.3274, 19.2082



1.3858, 0.6840, 1.4406

Previews

White Background



This preview shows how the XYZ color 48.2395, 54.4123, 74.2898 looks on a white background.

Color Contrast Check

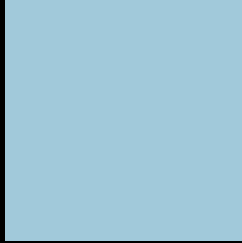
Large Text (above 18pt) WCAG AA × Fail

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 48.2395, 54.4123, 74.2898 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 48.2395, 54.4123, 74.2898

Background



This preview shows how black text looks on a background with the XYZ color 48.2395, 54.4123, 74.2898.



This preview shows how white text looks on a background with the XYZ color 48.2395, 54.4123,

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

48.2395, 54.4123, 74.2898

Protanopia

52.8184, 54.1505, 70.6190

Deuteranopia

55.2033, 53.9800, 75.2198



Tritanopia

48.1090, 54.3601, 73.6026

Trichromacy



Original Color

48.2395, 54.4123, 74.2898

Protanomaly

51.0617, 54.2099, 72.0623

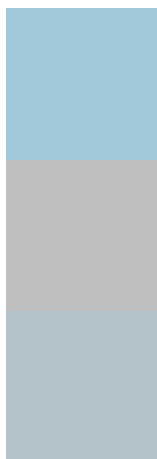
Deuteranomaly

52.1058, 53.6935, 74.6354

Tritanomaly

48.1090, 54.3601, 73.6026

Monochromacy



Original Color

48.2395, 54.4123, 74.2898

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

48.8801, 52.9506, 62.9026

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.2395, 54.4123, 74.2898 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(161, 201, 218)` looks like.

```
.text, #text, p{  
    color:rgb(161, 201, 218)  
}
```

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(161, 201, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 201, 218) }
```

Border

The CSS property to change the border of an element to XYZ 48.2395, 54.4123, 74.2898 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(161, 201, 218) }
```


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

```
.border{ border-color:rgb(161, 201, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 201, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 201, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 201, 218);  
box-shadow:4px 4px 4px 4px rgb(161, 201,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 48.2395, 54.4123, 74.2898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 201, 218) }
```

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

```
.background{ background-color: rgb(161,  
201, 218) }
```

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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