

Converting Colors

XYZ(48.2183, 51.6894, 74.4535)

Have a look what the booklet for
XYZ(48.2183, 51.6894, 74.4535)
contains.

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Color

**XYZ(48.2183, 51.6894,
74.4535)**

Conversions

Conversions Part 1

Format	Color
Hex	A9C1DB
RGB	169, 193, 219
RGB Percent	66%, 76%, 86%
CMY	0.3372, 0.2431, 0.1412
CMYK	0.23, 0.12, 0.00, 0.14
HSL	211°, 41%, 76%
HSV	211°, 23%, 86%
XYZ	48.2183, 51.6894, 74.4535
YIQ	188.7880, -22.6500, 2.9980

Conversions

Conversions Part 2

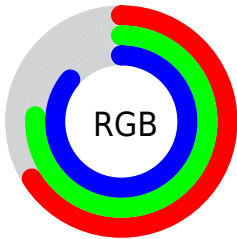
Format	Color
RYB	169, 185, 219
Decimal	11125211
CIELab	77.09, -2.50, -15.69
CIELCh	77, 15.889, 260.964
Yxy	51.6894, 0.2765, 0.2965
Android (android.graphics.Color)	4289315291 (0xFFA9C1DB)
YUV	188.7880, 14.8945, -17.3541
Hunter-Lab	71.8953, -6.1016, -11.0729

Details

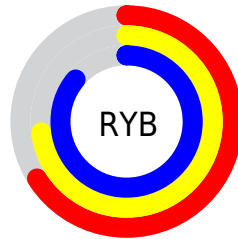
The XYZ color **48.2183, 51.6894, 74.4535** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **55.8905, 56.9550, 45.5850**, and the grayscale version is **48.1768, 50.6858, 55.1968**.

A 20% lighter version of the original color is **82.9770, 90.9789, 107.7951**, and **23.2814, 25.1495, 38.7492** is the 20% darker color. If you saturate the color by 10%, you get **41.4869, 44.6262, 73.4458**, and if you desaturate by 10%, it is **55.9336, 59.5501, 75.5650**.

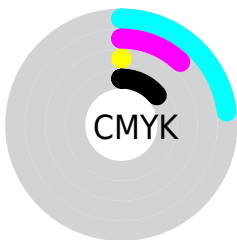
Distribution



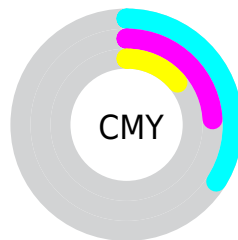
- Red (66%)
- Green (76%)
- Blue (86%)



- Red (66%)
- Yellow (73%)
- Blue (86%)



- Cyan (23%)
- Magenta (12%)
- Yellow (0%)
- Black (14%)



- Cyan (34%)
- Magenta (24%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.2183, 51.6894, 74.4535 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 48.2183, 51.6894, 74.4535 by changing the saturation by 10% instead.

■ 48.2183, 51.6894,
74.4535

■ 48.2183, 51.6894,
74.4535

370.2250,
393.2363, 495.2423

■ 34.2118, 36.7576,
54.6663

■ 86.7371, 92.6730,
127.2784

■ 23.2200, 25.0198,
38.7378

111.9800,
119.4936, 161.1532

■ 14.8776, 16.0918,
26.2495

141.6991,
151.0458, 200.5609

■ 8.8193, 9.5892,
16.7830

176.2598,
187.7142, 245.9201

■ 4.6797, 5.1274,
9.9196

216.0274,
229.8830, 297.6493

■ 2.0934, 2.3222,
5.2408

261.3672,

■ 0.6856, 0.7854,

277.9367, 356.1670

2.3280

312.6446,
332.2597, 421.8918

■ 0.0000, 0.0000,
0.7468

■ 0.0000, 0.0000,
0.0000

■ 48.2183, 51.6894,
74.4535

■ 48.2183, 51.6894,
74.4535

■ 41.4869, 44.6262,
73.4458

■ 55.9336, 59.5501,
75.5650

■ 35.6912, 38.3254,
72.5351

■ 64.6688, 68.2293,
76.7798

■ 30.7857, 32.7582,
71.7191

■ 74.4636, 77.7548,
78.1022

■ 26.7189, 27.8910,
70.9940

■ 84.7620, 87.8458,
79.5072

■ 23.4336, 23.6873,
70.3557

■ 88.1932, 94.7082,
80.6509

■ 20.8644, 20.1057,
69.7998

■ 89.7863, 97.8945,
81.1820

■ 18.9330, 17.0981,
69.3211

■ 17.8512, 15.2442,
69.0202

Harmonies

Analogous

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



45.5446, 51.6894, 70.2871



48.2183, 51.6894, 74.4535



51.2469, 51.6894, 73.3755

Triad

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



48.2183, 51.6894, 74.4535



54.7829, 51.6894, 50.5105



44.7342, 51.6894, 46.3971

Complementary

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



48.2183, 51.6894, 74.4535



55.8905, 56.9550, 45.5850

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.



47.0707, 51.6894, 42.0718



48.2183, 51.6894, 74.4535



52.8972, 51.6894, 44.2713

Square

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



48.2183, 51.6894, 74.4535



55.1211, 51.6894, 58.9471



50.0515, 51.6894, 41.3358



43.5882, 51.6894, 53.6965

Rectangle

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



48.2183, 51.6894, 74.4535



53.0553, 51.6894, 69.8689



50.0515, 51.6894, 41.3358



45.4018, 51.6894, 44.5799

Sweetspot

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



48.2199, 51.6915, 74.4547



85.8954, 90.9909, 107.6436



51.5262, 63.0316, 60.9827



18.2236, 19.3155, 23.0177



0.0000, 0.0000, 0.0000



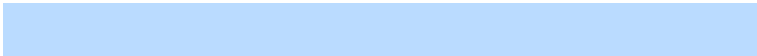
20.3446, 21.4041, 23.3091

Same Dimension

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



48.2199, 51.6915, 74.4547



63.7201, 68.4458, 104.4607



43.5168, 42.0191, 72.8356



12.8518, 13.6434, 16.6082



10.6932, 9.2558, 40.9614



0.7787, 0.7716, 2.6823

Inverse Universe

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



53.0283, 47.2875, 56.7869



71.6432, 61.5661, 75.2640



61.4572, 68.4597, 47.5122



13.3151, 13.1551, 14.9204



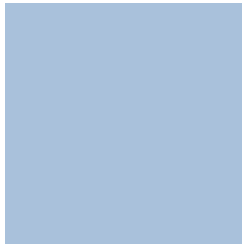
18.8928, 9.5581, 9.0813



1.2674, 0.6366, 0.8168

Previews

White Background



This preview shows how the XYZ color 48.2183, 51.6894, 74.4535 looks on a white background.

Color Contrast Check

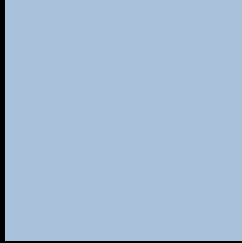
Large Text (above 18pt) WCAG AA × Fail

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 48.2183, 51.6894, 74.4535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

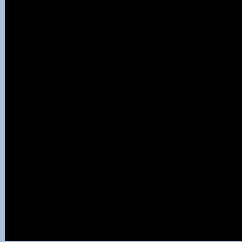
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

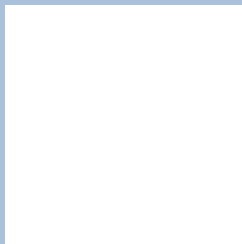
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.2183, 51.6894, 74.4535

Background



This preview shows how black text looks on a background with the XYZ color 48.2183, 51.6894, 74.4535.



This preview shows how white text looks on a background with the XYZ color 48.2183, 51.6894,

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

48.2183, 51.6894, 74.4535

Protanopia

50.8420, 51.7922, 72.2830

Deuteranopia

52.6482, 51.3877, 75.5506



Tritanopia

47.0843, 51.8988, 68.5086

Trichromacy



Original Color

48.2183, 51.6894, 74.4535

Protanomaly

49.7602, 51.5400, 72.9712

Deuteranomaly

50.9091, 51.4480, 74.9574

Tritanomaly

47.4505, 51.7125, 70.4314

Monochromacy



Original Color

48.2183, 51.6894, 74.4535

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

48.1302, 50.9421, 61.9397

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.2183, 51.6894, 74.4535 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, 193, 219)` looks like.

```
.text, #text, p{  
    color:rgb(169, 193, 219)  
}
```

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, 193, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 193, 219) }
```

Border

The CSS property to change the border of an element to XYZ 48.2183, 51.6894, 74.4535 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, 193, 219) }
```


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

```
.border{ border-color:rgb(169, 193, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 193, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 193, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 193, 219);  
box-shadow:4px 4px 4px 4px rgb(169, 193,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 48.2183, 51.6894, 74.4535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 193, 219) }
```

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

```
.background{ background-color: rgb(169,  
193, 219) }
```

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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