

Converting Colors

XYZ(48.3843, 48.0350, 93.9228)

Have a look what the booklet for
XYZ(48.3843, 48.0350, 93.9228)
contains.

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Color

**XYZ(48.4683, 48.2022,
93.9382)**

Conversions

Conversions Part 1

Format	Color
Hex	A2B7F6
RGB	162, 183, 246
RGB Percent	64%, 72%, 96%
CMY	0.3647, 0.2823, 0.0353
CMYK	0.34, 0.26, 0.00, 0.04
HSL	225°, 82%, 80%
HSV	225°, 34%, 96%
XYZ	48.4683, 48.2022, 93.9382
YIQ	183.9030, -32.7390, 15.1410

Conversions

Conversions Part 2

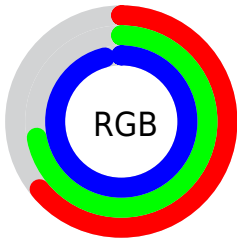
Format	Color
R _Y B	162, 179, 246
Decimal	10663926
CIE Lab	74.95, 7.43, -33.58
CIE LCh	75, 34.393, 282.471
Yxy	48.2022, 0.2543, 0.2529
Android (android.graphics.Color)	4288854006 (0xFFA2B7F6)
YUV	183.9030, 30.6138, -19.2089
Hunter-Lab	69.4278, 3.1141, -31.6219

Details

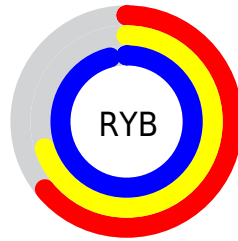
The XYZ color **48.4683, 48.2022, 93.9382** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **71.4538, 76.0527, 45.0976**, and the grayscale version is **45.3571, 47.7192, 51.9662**.

A 20% lighter version of the original color is **78.1299, 84.0131, 106.7060**, and **23.2313, 22.7652, 51.3138** is the 20% darker color. If you saturate the color by 10%, you get **40.3923, 38.7559, 92.5414**, and if you desaturate by 10%, it is **58.0239, 59.1537, 95.5493**.

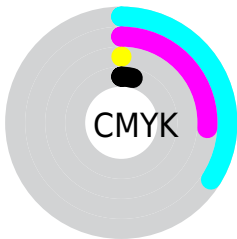
Distribution



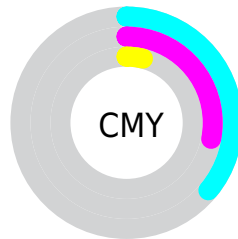
- Red (64%)
- Green (72%)
- Blue (96%)



- Red (64%)
- Yellow (70%)
- Blue (96%)



- Cyan (34%)
- Magenta (26%)
- Yellow (0%)
- Black (4%)



- Cyan (36%)
- Magenta (28%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.4683, 48.2022, 93.9382 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 48.4683, 48.2022, 93.9382 by changing the saturation by 10% instead.

■ 48.4683, 48.2022,
93.9382

■ 48.4683, 48.2022,
93.9382

371.1971,
379.5930, 561.6574

■ 34.4107, 33.9870,
70.6596

■ 87.1067, 87.5054,
154.7798

■ 23.3737, 22.8836,
51.5843

■ 112.4183,
113.3622, 193.1798

■ 14.9919, 14.5076,
36.2939

142.2118,
143.8684, 237.4574

■ 8.9000, 8.4746,
24.3698

176.8527,
179.4082, 288.0311

■ 4.7326, 4.4001,
15.3934

216.7063,
220.3663, 345.3194

■ 2.1244, 1.8998,
8.9463

262.1380,

■ 0.7024, 0.5482,

267.1268, 409.7408

4.6098

313.5132,
320.0743, 481.7140

■ 0.0000, 0.0000,
1.9655

■ 0.0000, 0.0000,
0.5339

■ 48.4683, 48.2022,
93.9382

■ 48.4683, 48.2022,
93.9382

■ 40.3923, 38.7559,
92.5414

■ 58.0239, 59.1537,
95.5493

■ 33.7144, 30.7413,
91.3464

■ 69.1249, 71.6685,
97.3798

■ 28.3526, 24.0867,
90.3445

■ 81.8391, 85.8081,
99.4389

■ 24.2138, 18.7115,
89.5251

■ 93.6347, 99.4339,
101.4472

■ 21.1916, 14.5255,
88.8764

■ 19.1592, 11.4247,
88.3850

■ 18.3304, 10.0453,
88.1625

Harmonies

Analogous

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



42.2782, 48.2022, 92.7804



48.4683, 48.2022, 93.9382



54.4483, 48.2022, 82.2990

Triad

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



48.4683, 48.2022, 93.9382



55.2968, 48.2022, 32.4493



35.2518, 48.2022, 42.7552

Complementary

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



48.4683, 48.2022, 93.9382



71.4538, 76.0527, 45.0976

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.



38.1458, 48.2022, 30.9105



48.4683, 48.2022, 93.9382



49.5432, 48.2022, 25.9613

Square

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



48.4683, 48.2022, 93.9382



58.6254, 48.2022, 45.3742



43.2599, 48.2022, 25.4712



35.0211, 48.2022, 60.3002

Rectangle

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



48.4683, 48.2022, 93.9382



57.3609, 48.2022, 70.1175



43.2599, 48.2022, 25.4712



35.9323, 48.2022, 38.0864

Sweetspot

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



48.4699, 48.2041, 93.9393



80.4824, 83.8795, 106.5562



61.2577, 78.9542, 82.2492



16.8193, 17.4998, 22.7413



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.



48.4699, 48.2041, 93.9393



46.3516, 45.0287, 100.8562



48.7534, 42.3926, 92.8027



15.9177, 16.5998, 20.9077



9.8771, 5.5479, 47.0883



0.9465, 0.6444, 4.1647

Inverse Universe

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



59.4750, 48.8539, 51.0968



60.1131, 46.3745, 47.1630



70.9681, 84.7547, 46.8029



16.6691, 16.5505, 18.0038



20.7900, 10.6594, 3.6025



1.8668, 0.9527, 0.5249

Previews

White Background



This preview shows how the XYZ color 48.4683, 48.2022, 93.9382 looks on a white background.

Color Contrast Check

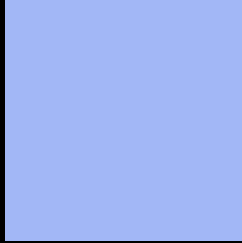
Large Text (above 18pt) WCAG AA × Fail

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 48.4683, 48.2022, 93.9382 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 48.4683, 48.2022, 93.9382

Background



This preview shows how black text looks on a background with the XYZ color 48.4683, 48.2022, 93.9382.



This preview shows how white text looks on a background with the XYZ color 48.4683, 48.2022,

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

48.4683, 48.2022, 93.9382

Protanopia

49.1457, 48.2640, 93.1118

Deuteranopia

49.3069, 48.0264, 93.8600



Tritanopia

42.6909, 48.0554, 65.4181

Trichromacy



Original Color

48.4683, 48.2022, 93.9382

Protanomaly

48.7264, 48.0478, 93.0922

Deuteranomaly

49.0884, 48.2167, 93.9083

Tritanomaly

44.5318, 47.8290, 75.2915

Monochromacy



Original Color

48.4683, 48.2022, 93.9382

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

46.3075, 48.0161, 65.8588

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.4683, 48.2022, 93.9382 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(162, 183, 246)` looks like.

```
.text, #text, p{  
    color:rgb(162, 183, 246)  
}
```

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(162, 183, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 183, 246) }
```

Border

The CSS property to change the border of an element to XYZ 48.4683, 48.2022, 93.9382 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(162, 183, 246) }
```


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

```
.border{ border-color:rgb(162, 183, 246) }
```

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

Here you see how a box with a 4 pixel rgb(162, 183, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 183, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 183, 246);  
box-shadow:4px 4px 4px 4px rgb(162, 183,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 48.4683, 48.2022, 93.9382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 183, 246) }
```

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

```
.background{ background-color: rgb(162,  
183, 246) }
```

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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