

Converting Colors

XYZ(48.1570, 51.3790,
101.9867)

Have a look what the booklet for
XYZ(48.1570, 51.3790, 101.9867)
contains.

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Color

**XYZ(48.1570, 51.3790,
101.9867)**

Conversions

Conversions Part 1

Format	Color
Hex	8CC2FF
RGB	140, 194, 255
RGB Percent	55%, 76%, 100%
CMY	0.4510, 0.2392, 0.0000
CMYK	0.45, 0.24, 0.00, 0.00
HSL	212°, 100%, 77%
HSV	212°, 45%, 100%
XYZ	48.1570, 51.3790, 101.9867
YIQ	184.8080, -51.7650, 7.5230

Conversions

Conversions Part 2

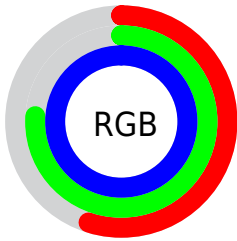
Format	Color
RYB	140, 177, 255
Decimal	9224959
CIELab	76.91, -1.86, -35.50
CIElCh	77, 35.548, 267.001
Yxy	51.3790, 0.2390, 0.2550
Android (android.graphics.Color)	4287415039 (0xFF8CC2FF)
YUV	184.8080, 34.6047, -39.2966
Hunter-Lab	71.6791, -5.5149, -34.1837

Details

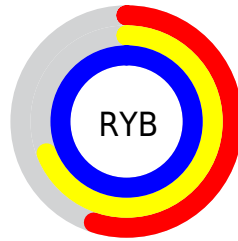
The XYZ color **48.1570, 51.3790, 101.9867** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **66.8612, 64.9279, 33.8213**, and the grayscale version is **45.8434, 48.2308, 52.5233**.

A 20% lighter version of the original color is **75.5243, 87.5970, 107.5351**, and **23.1976, 24.9208, 57.0136** is the 20% darker color. If you saturate the color by 10%, you get **41.4731, 43.6669, 100.8504**, and if you desaturate by 10%, it is **56.1136, 60.1561, 103.2615**.

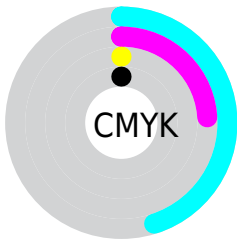
Distribution



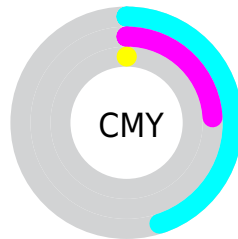
- Red (55%)
- Green (76%)
- Blue (100%)



- Red (55%)
- Yellow (69%)
- Blue (100%)



- Cyan (45%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (45%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.1570, 51.3790, 101.9867 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 48.1570, 51.3790, 101.9867 by changing the saturation by 10% instead.

■ 48.1570, 51.3790,
101.9867

■ 48.1570, 51.3790,
101.9867

369.9863,
392.0345, 587.8446

■ 34.1630, 36.5103,
77.3346

■ 86.6464, 92.2148,
165.9603

■ 23.1823, 24.8286,
57.0144

■ 111.8725,
118.9506, 206.1190

■ 14.8496, 15.9494,
40.6073

141.5734,
150.4110, 252.2836

■ 8.7996, 9.4883,
27.6950

176.1143,
186.9803, 304.8726

■ 4.6667, 5.0611,
17.8588

215.8608,
229.0429, 364.3047

■ 2.0858, 2.2831,
10.6803

261.1780,

■ 0.6815, 0.7648,

276.9832, 430.9984

5.7408

312.4314,
331.1856, 505.3722

■ 0.0000, 0.0000,
2.6219

■ 0.0000, 0.0000,
0.9037

■ 48.1570, 51.3790,
101.9867

■ 48.1570, 51.3790,
101.9867

■ 41.4731, 43.6669,
100.8504

■ 56.1136, 60.1561,
103.2615

■ 35.9801, 36.9636,
99.8461

■ 65.4082, 70.0391,
104.6793

■ 31.5932, 31.2153,
98.9678

■ 76.1070, 81.0731,
106.2451

■ 28.2128, 26.3588,
98.2085

■ 88.2701, 93.2989,
107.9639

■ 25.7174, 22.3191,
97.5603

95.0500, 100.0000,
108.9000

■ 24.7352, 20.5904,
97.2784

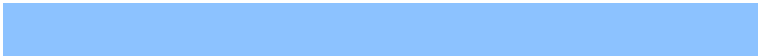
Harmonies

Analogous

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



42.0886, 51.3790, 93.3525



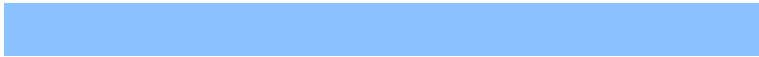
48.1570, 51.3790, 101.9867



54.9794, 51.3790, 96.1207

Triad

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



48.1570, 51.3790, 101.9867



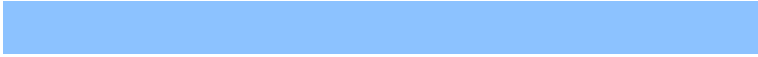
61.3616, 51.3790, 40.6805



38.7195, 51.3790, 38.0120

Complementary

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



48.1570, 51.3790, 101.9867



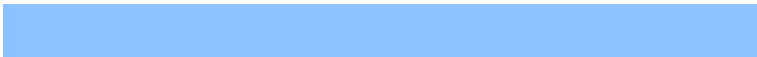
66.8612, 64.9279, 33.8213

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.



43.1649, 51.3790, 28.8879



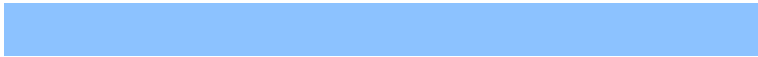
48.1570, 51.3790, 101.9867



56.2646, 51.3790, 30.1602

Square

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



48.1570, 51.3790, 101.9867



63.0060, 51.3790, 57.9142



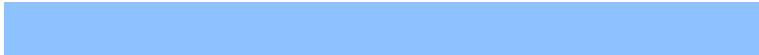
49.5177, 51.3790, 26.3838



36.9648, 51.3790, 54.0171

Rectangle

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



48.1570, 51.3790, 101.9867



58.9760, 51.3790, 85.3805



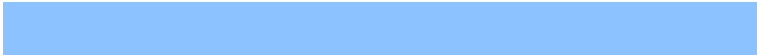
49.5177, 51.3790, 26.3838



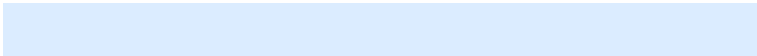
39.9273, 51.3790, 34.1935

Sweetspot

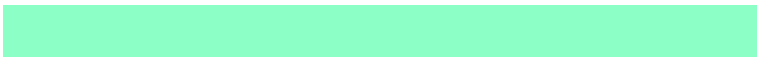
The Sweet Spot groups the original color and five complimentary colors.



48.1586, 51.3808, 101.9870



77.3675, 82.3542, 106.4260



56.9337, 81.2389, 66.9683



16.0322, 17.0903, 22.7037



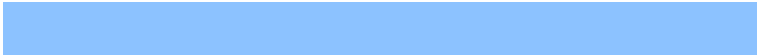
0.0000, 0.0000, 0.0000



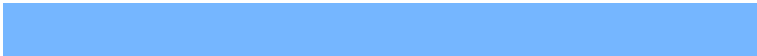
20.3446, 21.4041, 23.3091

Same Dimension

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



48.1586, 51.3808, 101.9870



42.1461, 44.4620, 100.9684



38.5708, 31.7216, 98.6977



17.7063, 18.7842, 22.9424



13.0712, 11.0521, 50.8789



1.3809, 1.2926, 4.9900

Inverse Universe

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



60.3568, 43.9129, 56.3356



56.0756, 37.4283, 48.5029



81.0324, 94.3119, 38.7461



18.3644, 18.1291, 20.5361



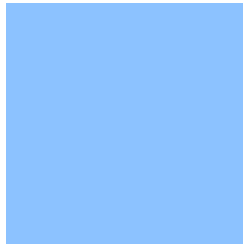
23.3860, 11.8437, 10.6828



2.3316, 1.1750, 1.3279

Previews

White Background



This preview shows how the XYZ color 48.1570, 51.3790, 101.9867 looks on a white background.

Color Contrast Check

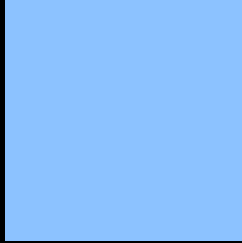
Large Text (above 18pt) WCAG AA × Fail

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 48.1570, 51.3790, 101.9867 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

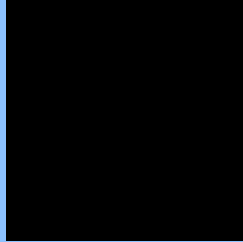
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

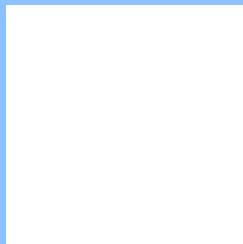
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.1570, 51.3790, 101.9867

Background



This preview shows how black text looks on a background with the XYZ color 48.1570, 51.3790, 101.9867.



This preview shows how white text looks on a background with the XYZ color 48.1570, 51.3790,

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

48.1570, 51.3790, 101.9867

Protanopia

52.0389, 51.2134, 97.5849

Deuteranopia

52.3979, 51.3067, 101.7493



Tritanopia

42.4643, 51.4502, 73.3384

Trichromacy



Original Color

48.1570, 51.3790, 101.9867

Protanomaly

50.4813, 51.3288, 99.3423

Deuteranomaly

50.7615, 51.4178, 101.8570

Tritanomaly

44.2908, 51.1442, 83.1388

Monochromacy



Original Color

48.1570, 51.3790, 101.9867

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

45.9783, 49.0546, 68.0179

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.1570, 51.3790, 101.9867 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(140, 194, 255)` looks like.

```
.text, #text, p{  
    color:rgb(140, 194, 255)  
}
```

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(140, 194, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 194, 255) }
```

Border

The CSS property to change the border of an element to XYZ 48.1570, 51.3790, 101.9867 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(140, 194, 255) }
```


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

```
.border{ border-color:rgb(140, 194, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 194, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 194, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 194, 255);  
box-shadow:4px 4px 4px 4px rgb(140, 194,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 48.1570, 51.3790, 101.9867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 194, 255) }
```

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

```
.background{ background-color: rgb(140,  
194, 255) }
```

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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