

Converting Colors

XYZ(48.5031, 52.5772,
101.3580)

Have a look what the booklet for
XYZ(48.5031, 52.5772, 101.3580)
contains.

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Color

**XYZ(48.5031, 52.5772,
101.3580)**

Conversions

Conversions Part 1

Format	Color
Hex	8BC5FE
RGB	139, 197, 254
RGB Percent	55%, 77%, 100%
CMY	0.4549, 0.2274, 0.0039
CMYK	0.45, 0.22, 0.00, 0.00
HSL	210°, 98%, 77%
HSV	210°, 45%, 100%
XYZ	48.5031, 52.5772, 101.3580
YIQ	186.1560, -52.8650, 5.4310

Conversions

Conversions Part 2

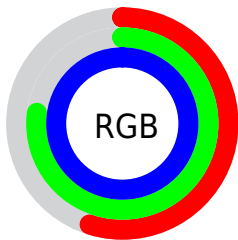
Format	Color
R _Y B	139, 178, 254
Decimal	9160190
CIE Lab	77.62, -4.00, -33.86
CIE LCh	78, 34.095, 263.269
Yxy	52.5772, 0.2396, 0.2597
Android (android.graphics.Color)	4287350270 (0xFF8BC5FE)
YUV	186.1560, 33.4471, -41.3558
Hunter-Lab	72.5101, -7.4915, -32.1212

Details

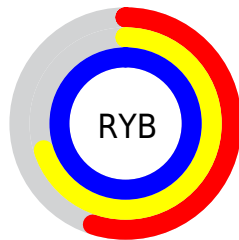
The XYZ color **48.5031, 52.5772, 101.3580** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **65.2747, 62.4166, 33.0353**, and the grayscale version is **46.6007, 49.0276, 53.3911**.

A 20% lighter version of the original color is **76.5178, 89.9739, 107.9415**, and **23.2938, 25.4255, 56.5032** is the 20% darker color. If you saturate the color by 10%, you get **42.0043, 45.1598, 100.2698**, and if you desaturate by 10%, it is **56.2294, 60.9839, 102.5744**.

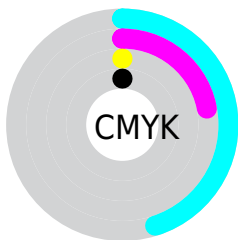
Distribution



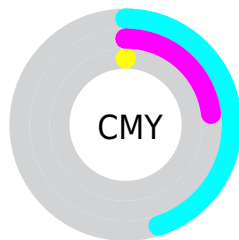
- Red (55%)
- Green (77%)
- Blue (100%)



- Red (55%)
- Yellow (70%)
- Blue (100%)



- Cyan (45%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (45%)
- Magenta (23%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.5031, 52.5772, 101.3580 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 48.5031, 52.5772, 101.3580 by changing the saturation by 10% instead.

■ 48.5031, 52.5772,
101.3580

■ 48.5031, 52.5772,
101.3580

371.3323,
396.6609, 585.8216

■ 34.4384, 37.4654,
76.8120

■ 87.1582, 93.9819,
165.0903

■ 23.3951, 25.5680,
56.5879

■ 112.4792,
121.0436, 205.1136

■ 15.0078, 16.5007,
40.2673

142.2831,
152.8574, 251.1330

■ 8.9112, 9.8792,
27.4317

176.9352,
189.8076, 303.5672

■ 4.7400, 5.3189,
17.6624

216.8008,
232.2786, 362.8346

■ 2.1287, 2.4356,
10.5409

262.2453,

■ 0.7047, 0.8441,

280.6549, 429.3538

5.6488

313.6340,
335.3209, 503.5433

■ 0.0000, 0.0000,
2.5674

■ 0.0000, 0.0000,
0.8756

■ 48.5031, 52.5772,
101.3580

■ 48.5031, 52.5772,
101.3580

■ 42.0043, 45.1598,
100.2698

■ 56.2294, 60.9839,
102.5744

■ 36.6525, 38.6786,
99.3009

■ 65.2460, 70.4174,
103.9200

■ 32.3655, 33.0831,
98.4468

■ 75.6174, 80.9202,
105.4006

■ 29.0457, 28.3137,
97.7012

■ 87.4022, 92.5302,
107.0205

■ 26.5740, 24.2994,
97.0566

94.8896, 99.9358,
108.0553

■ 25.6224, 22.6215,
96.7829

Harmonies

Analogous

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



42.7742, 52.5772, 91.5197



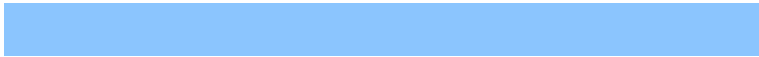
48.5031, 52.5772, 101.3580



55.1457, 52.5772, 97.4568

Triad

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



48.5031, 52.5772, 101.3580



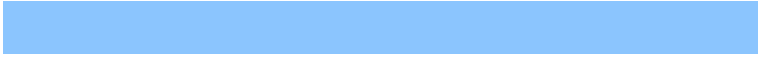
62.5356, 52.5772, 44.0797



40.4935, 52.5772, 38.1780

Complementary

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



48.5031, 52.5772, 101.3580



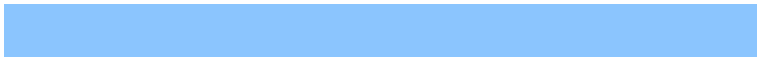
65.2747, 62.4166, 33.0353

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.



45.1344, 52.5772, 29.9710



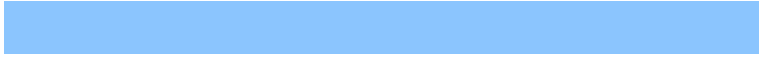
48.5031, 52.5772, 101.3580



57.9375, 52.5772, 32.8185

Square

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



48.5031, 52.5772, 101.3580



63.6370, 52.5772, 61.6056



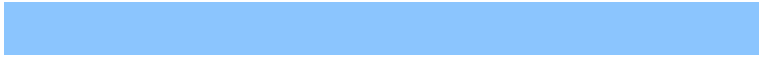
51.4724, 52.5772, 28.2508



38.4200, 52.5772, 53.1002

Rectangle

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



48.5031, 52.5772, 101.3580



59.1673, 52.5772, 87.9319



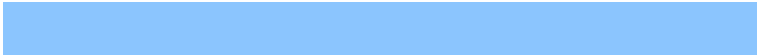
51.4724, 52.5772, 28.2508



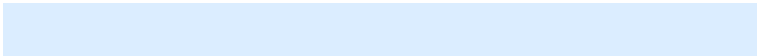
41.7843, 52.5772, 34.6881

Sweetspot

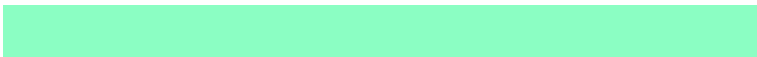
The Sweet Spot groups the original color and five complimentary colors.



48.5049, 52.5792, 101.3593



77.7264, 83.0719, 106.5456



55.8942, 80.2953, 63.9376



16.1195, 17.2648, 22.7328



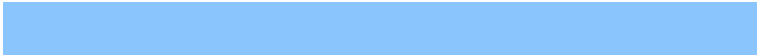
0.0000, 0.0000, 0.0000



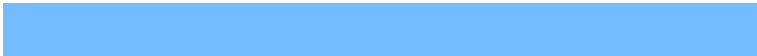
20.3446, 21.4041, 23.3091

Same Dimension

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



48.5049, 52.5792, 101.3593



43.1435, 46.4568, 101.3009



38.0513, 31.6719, 97.8747



17.7602, 18.8919, 22.9604



13.6562, 12.2219, 51.0739



1.4389, 1.4086, 5.0093

Inverse Universe

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



60.1853, 43.5692, 58.0628



56.5790, 37.6297, 51.1540



80.3710, 92.6092, 38.0674



18.3916, 18.1399, 20.6792



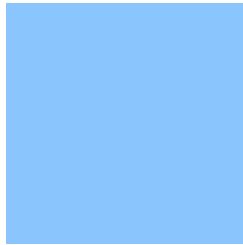
23.6812, 11.9618, 12.2375



2.3609, 1.1867, 1.4820

Previews

White Background



This preview shows how the XYZ color 48.5031, 52.5772, 101.3580 looks on a white background.

Color Contrast Check

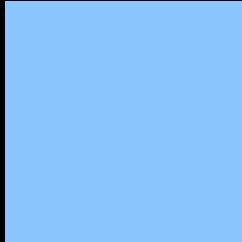
Large Text (above 18pt) WCAG AA × Fail

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 48.5031, 52.5772, 101.3580 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

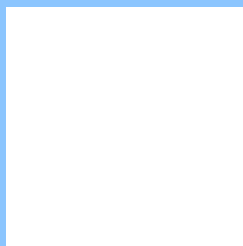
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.5031, 52.5772, 101.3580

Background



This preview shows how black text looks on a background with the XYZ color 48.5031, 52.5772, 101.3580.



This preview shows how white text looks on a background with the XYZ color 48.5031, 52.5772,

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

48.5031, 52.5772, 101.3580

Protanopia

52.8201, 52.2865, 96.1153

Deuteranopia

53.4888, 52.1851, 101.8613



Tritanopia

43.3275, 52.5463, 75.5690

Trichromacy



Original Color

48.5031, 52.5772, 101.3580

Protanomaly

51.0052, 52.2828, 97.8458

Deuteranomaly

51.3787, 52.0587, 101.9481

Tritanomaly

45.1250, 52.5860, 84.1157

Monochromacy



Original Color

48.5031, 52.5772, 101.3580

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

46.5335, 49.9651, 68.8197

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.5031, 52.5772, 101.3580 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(139, 197, 254)` looks like.

```
.text, #text, p{  
    color:rgb(139, 197, 254)  
}
```

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(139, 197, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 197, 254) }
```

Border

The CSS property to change the border of an element to XYZ 48.5031, 52.5772, 101.3580 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(139, 197, 254) }
```


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

```
.border{ border-color:rgb(139, 197, 254) }
```

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

Here you see how a box with a 4 pixel rgb(139, 197, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 197, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 197, 254);  
box-shadow:4px 4px 4px 4px rgb(139, 197,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 48.5031, 52.5772, 101.3580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 197, 254) }
```

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

```
.background{ background-color: rgb(139,  
197, 254) }
```

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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