

Converting Colors

XYZ(48.2307, 51.5317, 96.5853)

Have a look what the booklet for
XYZ(48.2307, 51.5317, 96.5853)
contains.

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Color

**XYZ(48.0891, 51.4719,
96.2074)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 92C2F8 |
| RGB | 146, 194, 248 |
| RGB Percent | 57%, 76%, 97% |
| CMY | 0.4274, 0.2392, 0.0274 |
| CMYK | 0.41, 0.22, 0.00, 0.03 |
| HSL | 212°, 88%, 77% |
| HSV | 212°, 41%, 97% |
| XYZ | 48.0891, 51.4719, 96.2074 |
| YIQ | 185.8040, -45.9420, 6.6180 |

Conversions

Conversions Part 2

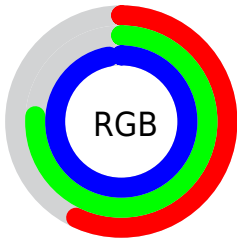
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 146, 179, 248 |
| Decimal | 9618168 |
| CIE Lab | 76.96, -2.29, -31.63 |
| CIE LCh | 77, 31.717, 265.862 |
| Yxy | 51.4719, 0.2456, 0.2629 |
| Android (android.graphics.Color) | 4287808248 (0xFF92C2F8) |
| YUV | 185.8040, 30.6626, -34.9081 |
| Hunter-Lab | 71.7439, -5.9054, -29.2862 |

Details

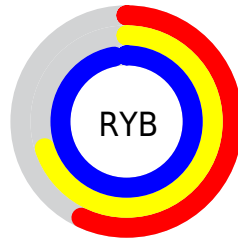
The XYZ color **48.0891, 51.4719, 96.2074** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **64.5552, 63.3416, 36.0196**, and the grayscale version is **46.4163, 48.8335, 53.1797**.

A 20% lighter version of the original color is **76.8642, 88.2877, 107.5978**, and **23.1453, 24.9850, 52.8929** is the 20% darker color. If you saturate the color by 10%, you get **41.3555, 43.8537, 95.0928**, and if you desaturate by 10%, it is **56.0404, 60.1033, 97.4553**.

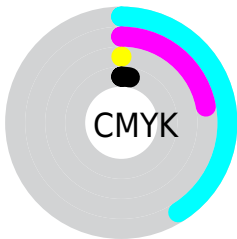
Distribution



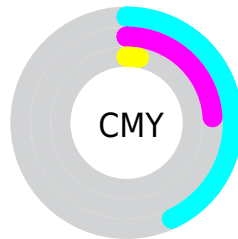
- Red (57%)
- Green (76%)
- Blue (97%)



- Red (57%)
- Yellow (70%)
- Blue (97%)



- Cyan (41%)
- Magenta (22%)
- Yellow (0%)
- Black (3%)



- Cyan (43%)
- Magenta (24%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.0891, 51.4719, 96.2074 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 48.0891, 51.4719, 96.2074 by changing the saturation by 10% instead.

■ 48.0891, 51.4719,
96.2074

■ 48.0891, 51.4719,
96.2074

369.7219,
392.3944, 569.1059

■ 34.1090, 36.5843,
72.5379

■ 86.5459, 92.3519,
157.9415

■ 23.1406, 24.8858,
53.1087

■ 111.7534,
119.1132, 196.8432

■ 14.8186, 15.9920,
37.5012

141.4340,
150.6011, 241.6593

■ 8.7777, 9.5185,
25.2970

175.9531,
187.2000, 292.8085

■ 4.6524, 5.0809,
16.0774

215.6761,
229.2945, 350.7092

■ 2.0774, 2.2948,
9.4240

260.9684,

■ 0.6769, 0.7710,

277.2687, 415.7800

4.9182

312.1952,
331.5073, 488.4394

■ 0.0000, 0.0000,
2.1414

■ 0.0000, 0.0000,
0.6403

■ 48.0891, 51.4719,
96.2074

■ 48.0891, 51.4719,
96.2074

■ 41.3555, 43.8537,
95.0928

■ 56.0404, 60.1033,
97.4553

■ 35.7655, 37.1973,
94.1026

■ 65.2677, 69.7842,
98.8376

■ 31.2439, 31.4548,
93.2325

■ 75.8311, 80.5559,
100.3599

■ 27.7034, 26.5705,
92.4763

■ 87.7855, 92.4554,
102.0267

■ 25.0402, 22.4796,
91.8271

■ 93.9434, 99.5574,
103.0730

■ 23.2708, 19.4320,
91.3321

Harmonies

Analogous

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



42.6886, 51.4719, 88.3378



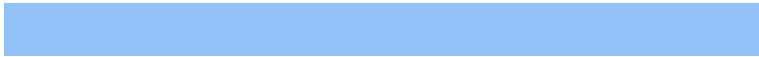
48.0891, 51.4719, 96.2074



54.1669, 51.4719, 91.6290

Triad

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



48.0891, 51.4719, 96.2074



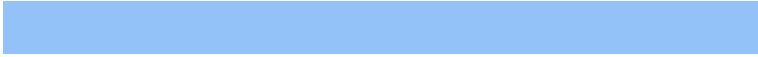
60.1381, 51.4719, 42.7481



39.9234, 51.4719, 39.3702

Complementary

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



48.0891, 51.4719, 96.2074



64.5552, 63.3416, 36.0196

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.



44.0280, 51.4719, 31.1207



48.0891, 51.4719, 96.2074



55.7356, 51.4719, 32.7708

Square

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



48.0891, 51.4719, 96.2074



61.4479, 51.4719, 58.4791



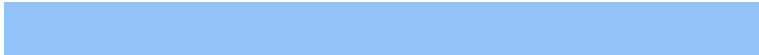
49.7655, 51.4719, 28.9792



38.2265, 51.4719, 53.6778

Rectangle

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



48.0891, 51.4719, 96.2074



57.7422, 51.4719, 82.5521



49.7655, 51.4719, 28.9792



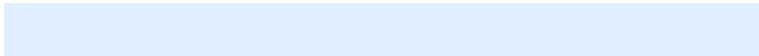
41.0500, 51.4719, 35.9215

Sweetspot

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



48.0908, 51.4739, 96.2086



79.7226, 84.7474, 106.7638



55.6969, 77.3566, 65.8478



16.7347, 17.8066, 22.8050



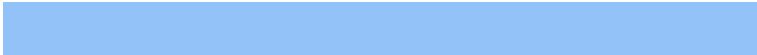
0.0000, 0.0000, 0.0000



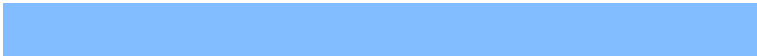
20.3446, 21.4041, 23.3091

Same Dimension

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



48.0908, 51.4739, 96.2086



45.4291, 48.3008, 101.5364



39.3823, 33.6048, 93.2185



16.9566, 17.9900, 21.9640



12.7086, 10.7728, 49.3831



1.2822, 1.2081, 4.6088

Inverse Universe

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



58.7293, 44.4109, 56.5177



58.3984, 40.9062, 52.8770



76.8681, 88.8583, 40.2958



17.5846, 17.3612, 19.6684



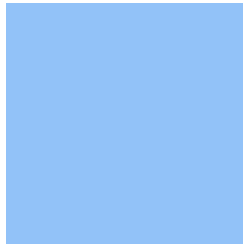
22.7067, 11.4984, 10.4301



2.1561, 1.0862, 1.2455

Previews

White Background



This preview shows how the XYZ color 48.0891, 51.4719, 96.2074 looks on a white background.

Color Contrast Check

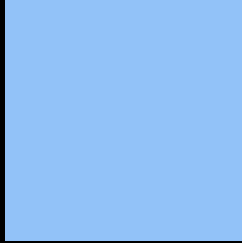
Large Text (above 18pt) WCAG AA × Fail

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 48.0891, 51.4719, 96.2074 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

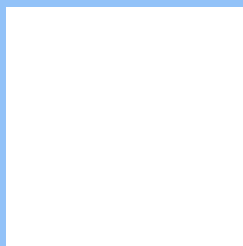
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.0891, 51.4719, 96.2074

Background



This preview shows how black text looks on a background with the XYZ color 48.0891, 51.4719, 96.2074.



This preview shows how white text looks on a background with the XYZ color 48.0891, 51.4719,

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

48.0891, 51.4719, 96.2074

Protanopia

51.6272, 51.1257, 91.9412

Deuteranopia

52.4934, 51.1339, 97.5456



Tritanopia

43.3655, 51.5848, 72.6370

Trichromacy



Original Color

48.0891, 51.4719, 96.2074

Protanomaly

50.2047, 51.3120, 93.6443

Deuteranomaly

50.6063, 51.1273, 96.8238

Tritanomaly

45.0129, 51.5651, 80.9794

Monochromacy



Original Color

48.0891, 51.4719, 96.2074

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

46.5008, 49.6566, 67.4554

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.0891, 51.4719, 96.2074 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(146, 194, 248)` looks like.

```
.text, #text, p{  
    color:rgb(146, 194, 248)  
}
```

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(146, 194, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 194, 248) }
```

Border

The CSS property to change the border of an element to XYZ 48.0891, 51.4719, 96.2074 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(146, 194, 248) }
```


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

```
.border{ border-color:rgb(146, 194, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 194, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 194, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 194, 248);  
box-shadow:4px 4px 4px 4px rgb(146, 194,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 48.0891, 51.4719, 96.2074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 194, 248) }
```

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

```
.background{ background-color: rgb(146,  
194, 248) }
```

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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