

Converting Colors

XYZ(46.2048, 47.7840, 98.0559)

Have a look what the booklet for
XYZ(46.2048, 47.7840, 98.0559)
contains.

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Color

**XYZ(46.2992, 47.9225,
98.0765)**

Conversions

Conversions Part 1

Format	Color
Hex	8FBAFB
RGB	143, 186, 251
RGB Percent	56%, 73%, 98%
CMY	0.4392, 0.2706, 0.0157
CMYK	0.43, 0.26, 0.00, 0.02
HSL	216°, 93%, 77%
HSV	216°, 43%, 98%
XYZ	46.2992, 47.9225, 98.0765
YIQ	180.5530, -46.4930, 11.0990

Conversions

Conversions Part 2

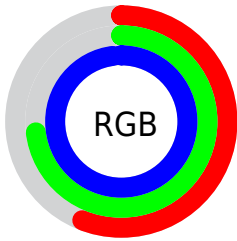
Format	Color
RYB	143, 174, 251
Decimal	9419515
CIELab	74.78, 2.14, -36.64
CIElCh	75, 36.703, 273.337
Yxy	47.9225, 0.2408, 0.2492
Android (android.graphics.Color)	4287609595 (0xFF8FB4FB)
YUV	180.5530, 34.7304, -32.9340
Hunter-Lab	69.2261, -1.7628, -35.5412

Details

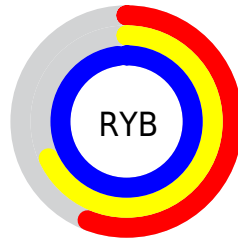
The XYZ color **46.2992, 47.9225, 98.0765** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **67.2989, 67.6059, 35.4907**, and the grayscale version is **43.5180, 45.7843, 49.8591**.

A 20% lighter version of the original color is **73.6215, 83.0036, 106.7488**, and **21.9629, 22.6485, 54.2530** is the 20% darker color. If you saturate the color by 10%, you get **39.4144, 39.8967, 96.8911**, and if you desaturate by 10%, it is **54.4958, 57.1259, 99.4218**.

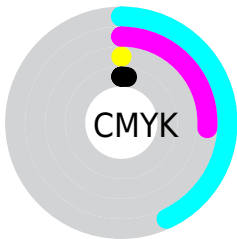
Distribution



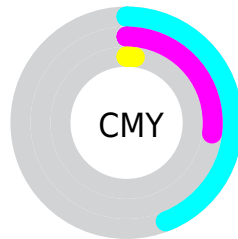
- Red (56%)
- Green (73%)
- Blue (98%)



- Red (56%)
- Yellow (68%)
- Blue (98%)



- Cyan (43%)
- Magenta (26%)
- Yellow (0%)
- Black (2%)



- Cyan (44%)
- Magenta (27%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.2992, 47.9225, 98.0765 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 46.2992, 47.9225, 98.0765 by changing the saturation by 10% instead.

■ 46.2992, 47.9225,
98.0765

■ 46.2992, 47.9225,
98.0765

362.7060,
378.4849, 575.2019

■ 32.6876, 33.7655,
74.0872

■ 83.8917, 87.0890,
160.5401

■ 22.0453, 22.7135,
54.3682

■ 108.6034,
112.8673, 199.8515

■ 14.0070, 14.3821,
38.5009

137.7457,
143.2882, 245.1073

■ 8.2073, 8.3869,
26.0669

171.6842,
178.7360, 296.7261

■ 4.2808, 4.3435,
16.6475

210.7841,
219.5952, 355.1264

■ 1.8622, 1.8675,
9.8242

255.4108,

■ 0.5547, 0.5287,

266.2502, 420.7268

5.1785

305.9297,
319.0852, 493.9458

■ 0.0000, 0.0000,
2.2918

■ 0.0000, 0.0000,
0.7266

■ 46.2992, 47.9225,
98.0765

■ 46.2992, 47.9225,
98.0765

■ 39.4144, 39.8967,
96.8911

■ 54.4958, 57.1259,
99.4218

■ 33.7604, 32.9885,
95.8557

■ 64.0687, 67.5522,
100.9297

■ 29.2543, 27.1399,
94.9643

■ 75.0839, 79.2504,
102.6072

■ 25.7993, 22.2839,
94.2091

■ 87.6015, 92.2651,
104.4595

■ 23.2798, 18.3425,
93.5811

■ 94.4128, 99.7451,
105.5443

■ 21.9637, 16.0670,
93.2113

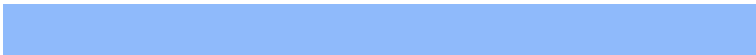
Harmonies

Analogous

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



40.0357, 47.9225, 92.3416



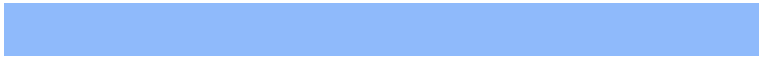
46.2992, 47.9225, 98.0765



52.9627, 47.9225, 89.2500

Triad

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



46.2992, 47.9225, 98.0765



57.1189, 47.9225, 34.4932



35.0273, 47.9225, 37.3791

Complementary

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



46.2992, 47.9225, 98.0765



67.2989, 67.6059, 35.4907

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.



38.8614, 47.9225, 27.1265



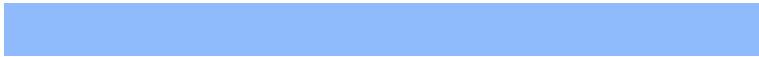
46.2992, 47.9225, 98.0765



51.5463, 47.9225, 25.7681

Square

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



46.2992, 47.9225, 98.0765



59.5810, 47.9225, 50.0714



44.8067, 47.9225, 23.4419



33.9135, 47.9225, 54.3459

Rectangle

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



46.2992, 47.9225, 98.0765



56.6242, 47.9225, 77.3117



44.8067, 47.9225, 23.4419



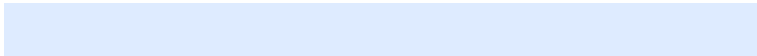
36.0210, 47.9225, 33.1859

Sweetspot

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



46.3008, 47.9243, 98.0776



77.8505, 82.1704, 106.3650



57.1869, 79.3794, 71.8549



16.0950, 16.9896, 22.6810



0.0000, 0.0000, 0.0000



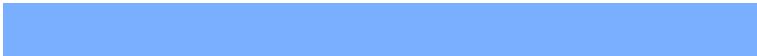
20.3446, 21.4041, 23.3091

Same Dimension

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



46.3008, 47.9243, 98.0776



41.5006, 42.1224, 100.5509



40.5252, 33.4623, 95.5906



16.8501, 17.7770, 21.9285



11.6777, 8.7109, 49.0394



1.1819, 1.0076, 4.5754

Inverse Universe

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



58.4705, 43.7011, 51.8095



56.0057, 38.3803, 45.1138



75.4594, 89.5389, 39.2941



17.5309, 17.3397, 19.3854



22.1864, 11.2903, 7.6899



2.1055, 1.0659, 0.9791

Previews

White Background



This preview shows how the XYZ color 46.2992, 47.9225, 98.0765 looks on a white background.

Color Contrast Check

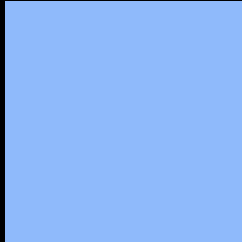
Large Text (above 18pt) WCAG AA × Fail

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 46.2992, 47.9225, 98.0765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

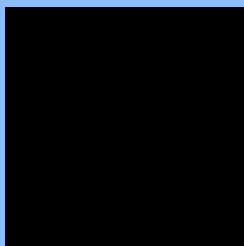
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

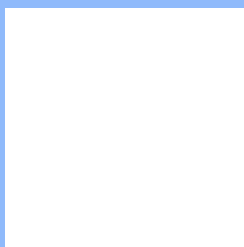
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.2992, 47.9225, 98.0765

Background



This preview shows how black text looks on a background with the XYZ color 46.2992, 47.9225, 98.0765.



This preview shows how white text looks on a background with the XYZ color 46.2992, 47.9225,

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

46.2992, 47.9225, 98.0765

Protanopia

48.8294, 47.7625, 94.6412

Deuteranopia

48.9949, 47.7574, 98.7313



Tritanopia

40.3161, 48.0926, 67.4795

Trichromacy



Original Color

46.2992, 47.9225, 98.0765

Protanomaly

47.7814, 47.8124, 95.5173

Deuteranomaly

48.0217, 47.8638, 98.8031

Tritanomaly

42.2387, 47.8777, 77.5361

Monochromacy



Original Color

46.2992, 47.9225, 98.0765

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

44.0104, 46.5387, 65.0558

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.2992, 47.9225, 98.0765 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(143, 186, 251)` looks like.

```
.text, #text, p{  
    color:rgb(143, 186, 251)  
}
```

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(143, 186, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 186, 251) }
```

Border

The CSS property to change the border of an element to XYZ 46.2992, 47.9225, 98.0765 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(143, 186, 251) }
```


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

```
.border{ border-color:rgb(143, 186, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 186, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 186, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 186, 251);  
box-shadow:4px 4px 4px 4px rgb(143, 186,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 46.2992, 47.9225, 98.0765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 186, 251) }
```

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

```
.background{ background-color: rgb(143,  
186, 251) }
```

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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