

Converting Colors

XYZ(43.5811, 44.7382, 95.1453)

Have a look what the booklet for
XYZ(43.5811, 44.7382, 95.1453)
contains.

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Color

**XYZ(43.5811, 44.7382,
95.1453)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 89B4F8 |
| RGB | 137, 180, 248 |
| RGB Percent | 54%, 71%, 97% |
| CMY | 0.4627, 0.2941, 0.0274 |
| CMYK | 0.45, 0.27, 0.00, 0.03 |
| HSL | 217°, 89%, 75% |
| HSV | 217°, 45%, 97% |
| XYZ | 43.5811, 44.7382, 95.1453 |
| YIQ | 174.8950, -47.4560, 12.0320 |

Conversions

Conversions Part 2

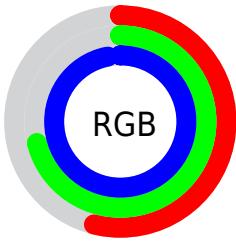
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 137, 168, 248 |
| Decimal | 9024760 |
| CIE _{Lab} | 72.72, 3.15, -38.24 |
| CIE _{LCh} | 73, 38.373, 274.706 |
| Yxy | 44.7382, 0.2375, 0.2439 |
| Android (android.graphics.Color) | 4287214840 (0xFF89B4F8) |
| YUV | 174.8950, 36.0408, -33.2339 |
| Hunter-Lab | 66.8866, -0.7469, -37.5186 |

Details

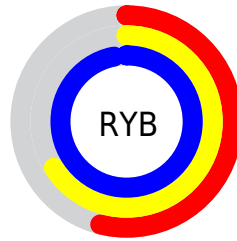
The XYZ color **43.5811, 44.7382, 95.1453** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **65.0596, 65.4272, 32.8686**, and the grayscale version is **40.5318, 42.6426, 46.4378**.

A 20% lighter version of the original color is **70.2936, 78.6802, 106.0897**, and **20.4314, 20.9054, 52.2485** is the 20% darker color. If you saturate the color by 10%, you get **37.0725, 37.0773, 94.0105**, and if you desaturate by 10%, it is **51.3632, 53.5564, 96.4381**.

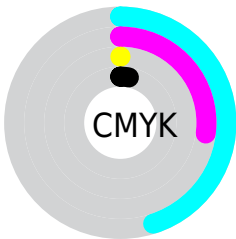
Distribution



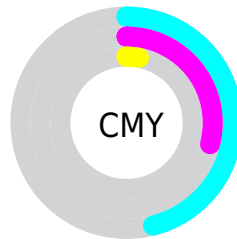
- Red (54%)
- Green (71%)
- Blue (97%)



- Red (54%)
- Yellow (66%)
- Blue (97%)



- Cyan (45%)
- Magenta (27%)
- Yellow (0%)
- Black (3%)



- Cyan (46%)
- Magenta (29%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.5811, 44.7382, 95.1453 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 43.5811, 44.7382, 95.1453 by changing the saturation by 10% instead.

■ 43.5811, 44.7382,
95.1453

■ 43.5811, 44.7382,
95.1453

351.8773,
365.7122, 565.6263

■ 30.5378, 31.2513,
71.6584

■ 79.8373, 82.3274,
156.4626

■ 20.3973, 20.7903,
52.3945

■ 103.7809,
107.1985, 195.1301

■ 12.7941, 12.9708,
36.9352

■ 132.0887,
136.6331, 239.6948

■ 7.3629, 7.4084,
24.8619

165.1259,
171.0155, 290.5754

■ 3.7384, 3.7188,
15.7561

203.2581,
210.7303, 348.1902

■ 1.5552, 1.5175,
9.1993

246.8505,

■ 0.3630, 0.3010,

256.1617, 412.9580

4.7728

296.2684,
307.6942, 485.2971

■ 0.0000, 0.0000,
2.0582

■ 0.0000, 0.0000,
0.5907

■ 43.5811, 44.7382,
95.1453

■ 43.5811, 44.7382,
95.1453

■ 37.0725, 37.0773,
94.0105

■ 51.3632, 53.5564,
96.4381

■ 31.7571, 30.5138,
93.0237

■ 60.4833, 63.5779,
97.8917

■ 27.5520, 24.9888,
92.1789

■ 71.0065, 74.8518,
99.5132

■ 24.3599, 20.4344,
91.4681

■ 82.9925, 87.4229,
101.3079

■ 22.0636, 16.7712,
90.8821

■ 93.9434, 99.5574,
103.0729

■ 21.1328, 15.1560,
90.6194

Harmonies

Analogous

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



37.2841, 44.7382, 89.9440



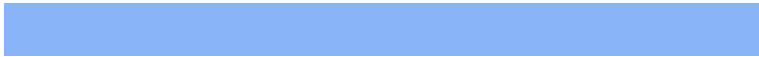
43.5811, 44.7382, 95.1453



50.2349, 44.7382, 85.4931

Triad

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



43.5811, 44.7382, 95.1453



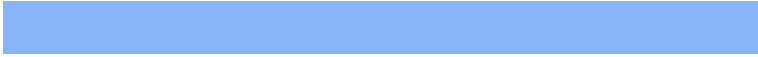
53.9376, 44.7382, 30.6787



31.9671, 44.7382, 34.6674

Complementary

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



43.5811, 44.7382, 95.1453



65.0596, 65.4272, 32.8686

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.



35.6426, 44.7382, 24.3624



43.5811, 44.7382, 95.1453



48.2295, 44.7382, 22.5162

Square

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



43.5811, 44.7382, 95.1453



56.5983, 44.7382, 45.7663



41.4808, 44.7382, 20.5490



30.9980, 44.7382, 51.7821

Rectangle

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



43.5811, 44.7382, 95.1453



53.8493, 44.7382, 73.1124



41.4808, 44.7382, 20.5490



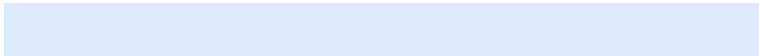
32.9068, 44.7382, 30.4525

Sweetspot

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



43.5827, 44.7399, 95.1464



77.7484, 81.9662, 106.3310



54.7366, 76.7948, 68.8152



16.0699, 16.9394, 22.6726



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.



43.5827, 44.7399, 95.1464



39.9219, 40.0136, 100.2270



38.1215, 30.9759, 92.7775



16.8344, 17.7456, 21.9233



11.5418, 8.4392, 48.9942



1.1683, 0.9804, 4.5708

Inverse Universe

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



55.8967, 41.1449, 48.1772



54.9529, 36.9793, 42.5909



72.9756, 86.9293, 36.6017



17.5229, 17.3365, 19.3435



22.1178, 11.2628, 7.3287



2.0986, 1.0632, 0.9429

Previews

White Background



This preview shows how the XYZ color 43.5811, 44.7382, 95.1453 looks on a white background.

Color Contrast Check

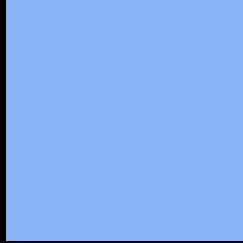
Large Text (above 18pt) WCAG AA × Fail

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 43.5811, 44.7382, 95.1453 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

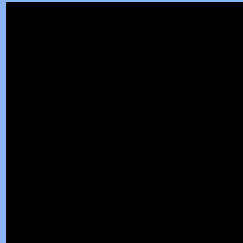
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

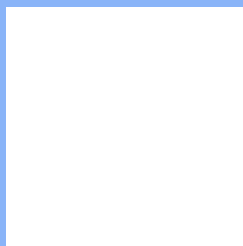
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.5811, 44.7382, 95.1453

Background



This preview shows how black text looks on a background with the XYZ color 43.5811, 44.7382, 95.1453.



This preview shows how white text looks on a background with the XYZ color 43.5811, 44.7382,

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

43.5811, 44.7382, 95.1453

Protanopia

45.5637, 44.3597, 91.7488

Deuteranopia

45.7611, 44.6625, 95.8314



Tritanopia

37.1945, 44.6112, 63.7772

Trichromacy



Original Color

43.5811, 44.7382, 95.1453

Protanomaly

44.7812, 44.5209, 92.6194

Deuteranomaly

44.8536, 44.4869, 95.8453

Tritanomaly

39.3205, 44.5324, 74.2333

Monochromacy



Original Color

43.5811, 44.7382, 95.1453

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.0808, 43.2856, 62.0669

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5811, 44.7382, 95.1453 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(137, 180, 248)` looks like.

```
.text, #text, p{  
    color:rgb(137, 180, 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(137, 180, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 180, 248) }
```

Border

The CSS property to change the border of an element to XYZ 43.5811, 44.7382, 95.1453 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(137, 180, 248) }
```


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

```
.border{ border-color:rgb(137, 180, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 180, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 180, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 180, 248);  
box-shadow:4px 4px 4px 4px rgb(137, 180,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5811, 44.7382, 95.1453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 180, 248) }
```

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

```
.background{ background-color: rgb(137,  
180, 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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