

Converting Colors

XYZ(44.8448, 48.2781,
104.5628)

Have a look what the booklet for
XYZ(44.8448, 48.2781, 104.5628)
contains.

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Color

**XYZ(44.3486, 48.1119,
101.5568)**

Conversions

Conversions Part 1

Format	Color
Hex	79BEFF
RGB	121, 190, 255
RGB Percent	47%, 75%, 100%
CMY	0.5255, 0.2549, 0.0000
CMYK	0.53, 0.25, 0.00, 0.00
HSL	209°, 100%, 74%
HSV	209°, 53%, 100%
XYZ	44.3486, 48.1119, 101.5568
YIQ	176.7790, -61.9890, 5.5870

Conversions

Conversions Part 2

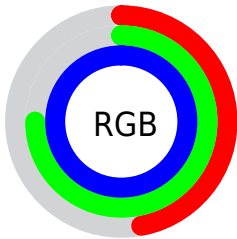
Format	Color
R_{YB}	121, 167, 255
Decimal	7978751
CIE _{Lab}	74.90, -3.98, -38.69
CIE _{LCh}	75, 38.898, 264.124
Yxy	48.1119, 0.2286, 0.2480
Android (android.graphics.Color)	4286168831 (0xFF79BEFF)
YUV	176.7790, 38.5630, -48.9182
Hunter-Lab	69.3627, -7.2569, -38.2550

Details

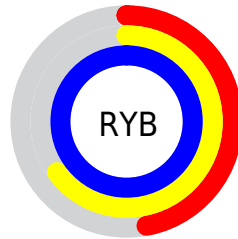
The XYZ color **44.3486, 48.1119, 101.5568** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **62.2511, 57.7598, 25.9589**, and the grayscale version is **41.5031, 43.6645, 47.5506**.

A 20% lighter version of the original color is **69.8282, 82.8348, 106.9161**, and **20.8836, 22.8681, 56.7394** is the 20% darker color. If you saturate the color by 10%, you get **38.6696, 41.3752, 100.5559**, and if you desaturate by 10%, it is **51.2022, 55.7935, 102.6783**.

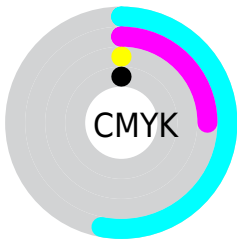
Distribution



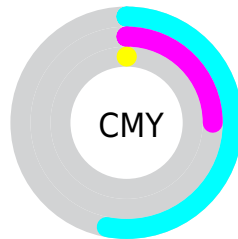
- Red (47%)
- Green (75%)
- Blue (100%)



- Red (47%)
- Yellow (65%)
- Blue (100%)



- Cyan (53%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)



- Cyan (53%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.3486, 48.1119, 101.5568 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 44.3486, 48.1119, 101.5568 by changing the saturation by 10% instead.

■ 44.3486, 48.1119,
101.5568

■ 44.3486, 48.1119,
101.5568

354.9572,
379.2355, 586.4617

■ 31.1437, 33.9155,
76.9772

■ 80.9851, 87.3710,
165.3654

■ 20.8607, 22.8287,
56.7227

■ 105.1475,
113.2025, 205.4316

■ 13.1341, 14.4671,
40.3748

■ 133.6932,
143.6811, 251.4970

■ 7.5986, 8.4462,
27.5149

166.9874,
179.1913, 303.9801

■ 3.8888, 4.3818,
17.7244

205.3955,
220.1175, 363.2997

■ 1.6394, 1.8893,
10.5849

249.2830,

■ 0.4179, 0.5420,

266.8439, 429.8741

5.6778

299.0151,
319.7552, 504.1219

■ 0.0000, 0.0000,
2.5846

■ 0.0000, 0.0000,
0.8845

■ 44.3486, 48.1119,
101.5568

■ 44.3486, 48.1119,
101.5568

■ 38.6696, 41.3752,
100.5559

■ 51.2022, 55.7935,
102.6783

■ 34.0791, 35.5280,
99.6692

■ 59.2993, 64.4608,
103.9245

■ 30.4846, 30.5148,
98.8910

■ 68.7082, 74.1578,
105.3003

■ 27.7737, 26.2686,
98.2143

■ 79.4907, 84.9237,
106.8101

■ 26.2075, 23.5349,
97.7692

■ 91.7044, 96.7957,
108.4578

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



38.2024, 48.1119, 90.7755



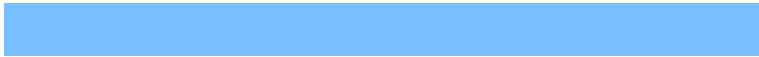
44.3486, 48.1119, 101.5568



51.5246, 48.1119, 96.6598

Triad

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



44.3486, 48.1119, 101.5568



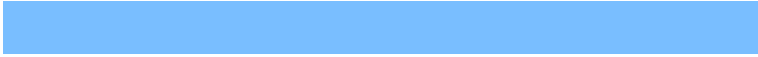
59.3200, 48.1119, 38.0057



35.5567, 48.1119, 32.6899

Complementary

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



44.3486, 48.1119, 101.5568



62.2511, 57.7598, 25.9589

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.



40.3850, 48.1119, 24.2407



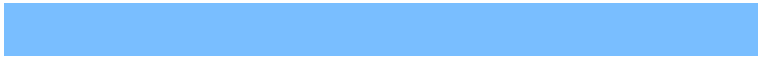
44.3486, 48.1119, 101.5568



54.1843, 48.1119, 26.7093

Square

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



44.3486, 48.1119, 101.5568



60.6597, 48.1119, 56.4816



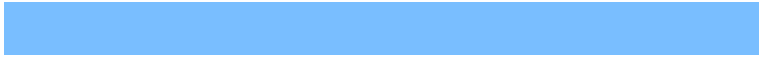
47.1376, 48.1119, 22.3753



33.4743, 48.1119, 48.4927

Rectangle

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



44.3486, 48.1119, 101.5568



55.8820, 48.1119, 85.6718



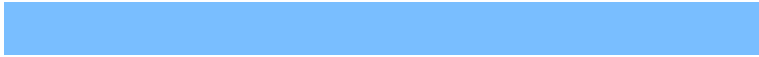
47.1376, 48.1119, 22.3753



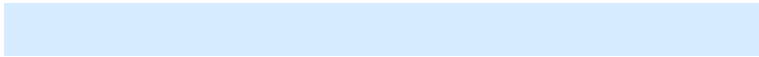
36.8867, 48.1119, 29.0774

Sweetspot

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



44.3501, 48.1136, 101.5571



75.6082, 81.0826, 106.2733



52.4845, 79.1208, 58.8318



15.7051, 16.8782, 22.6800



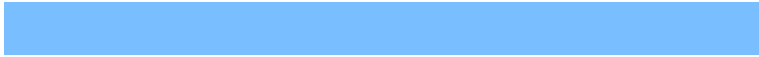
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



44.3501, 48.1136, 101.5571



38.4386, 41.0913, 100.5132



33.0487, 25.5108, 97.7900



17.7766, 18.9248, 22.9659



13.8442, 12.5980, 51.1366



1.4574, 1.4454, 5.0155

Inverse Universe

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



57.3727, 38.6541, 53.1540



53.2170, 32.5050, 45.1023



79.7433, 92.7440, 31.7896



18.3999, 18.1433, 20.7229



23.7761, 11.9997, 12.7374



2.3702, 1.1905, 1.5310

Previews

White Background



This preview shows how the XYZ color 44.3486, 48.1119, 101.5568 looks on a white background.

Color Contrast Check

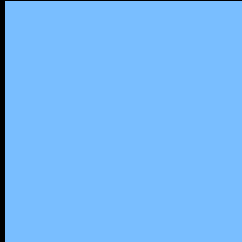
Large Text (above 18pt) WCAG AA × Fail

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 44.3486, 48.1119, 101.5568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

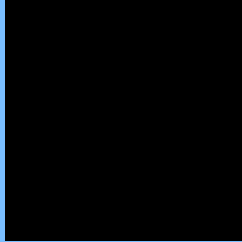
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

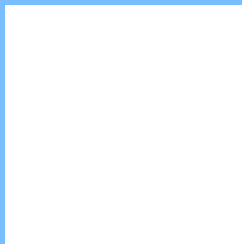
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.3486, 48.1119, 101.5568

Background



This preview shows how black text looks on a background with the XYZ color 44.3486, 48.1119, 101.5568.

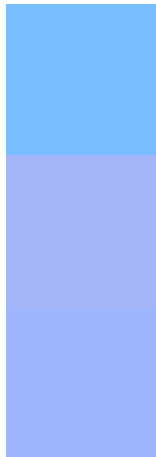


This preview shows how white text looks on a background with the XYZ color 44.3486, 48.1119,

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

44.3486, 48.1119, 101.5568

Protanopia

48.7770, 47.7176, 95.4465

Deuteranopia

49.0760, 48.0468, 101.2951



Tritanopia

38.3951, 48.3690, 70.9308

Trichromacy



Original Color

44.3486, 48.1119, 101.5568

Protanomaly

46.7658, 47.5419, 97.9785

Deuteranomaly

47.0760, 47.9377, 101.3795

Tritanomaly

40.3401, 48.1321, 81.2930

Monochromacy



Original Color

44.3486, 48.1119, 101.5568

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.6520, 45.0318, 64.2543

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.3486, 48.1119, 101.5568 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(121, 190, 255)` looks like.

```
.text, #text, p{  
    color:rgb(121, 190, 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(121, 190, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 190, 255) }
```

Border

The CSS property to change the border of an element to XYZ 44.3486, 48.1119, 101.5568 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(121, 190, 255) }
```


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

```
.border{ border-color:rgb(121, 190, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 190, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 190, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 190, 255);  
box-shadow:4px 4px 4px 4px rgb(121, 190,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 44.3486, 48.1119, 101.5568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 190, 255) }
```

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

```
.background{ background-color: rgb(121,  
190, 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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