

Converting Colors

XYZ(44.4952, 47.7568,
107.1670)

Have a look what the booklet for
XYZ(44.4952, 47.7568, 107.1670)
contains.

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Color

**XYZ(43.4501, 47.3282,
101.4529)**

Conversions

Conversions Part 1

Format	Color
Hex	74BDFF
RGB	116, 189, 255
RGB Percent	45%, 74%, 100%
CMY	0.5451, 0.2588, 0.0000
CMYK	0.55, 0.26, 0.00, 0.00
HSL	208°, 100%, 73%
HSV	208°, 55%, 100%
XYZ	43.4501, 47.3282, 101.4529
YIQ	174.6970, -64.6940, 5.0500

Conversions

Conversions Part 2

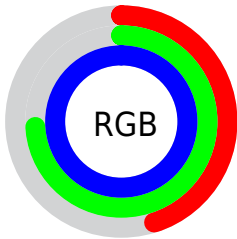
Format	Color
R _Y B	116, 164, 255
Decimal	7650815
CIE Lab	74.40, -4.48, -39.48
CIE LCh	74, 39.736, 263.526
Yxy	47.3282, 0.2260, 0.2462
Android (android.graphics.Color)	4285840895 (0xFF74BDFF)
YUV	174.6970, 39.5894, -51.4773
Hunter-Lab	68.7955, -7.6545, -39.2783

Details

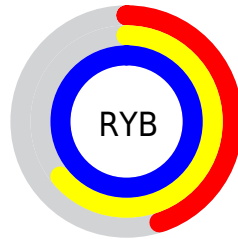
The XYZ color **43.4501, 47.3282, 101.4529** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **61.1217, 55.9789, 24.1087**, and the grayscale version is **40.4186, 42.5235, 46.3081**.

A 20% lighter version of the original color is **68.6069, 81.7549, 106.7721**, and **20.3126, 22.3636, 56.6721** is the 20% darker color. If you saturate the color by 10%, you get **38.0173, 40.8218, 100.4834**, and if you desaturate by 10%, it is **50.0334, 54.7522, 102.5389**.

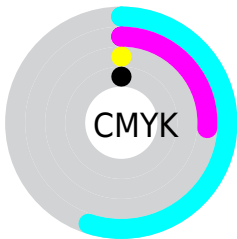
Distribution



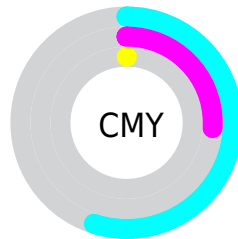
- Red (45%)
- Green (74%)
- Blue (100%)



- Red (45%)
- Yellow (64%)
- Blue (100%)



- Cyan (55%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)



- Cyan (55%)
- Magenta (26%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.4501, 47.3282, 101.4529 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 43.4501, 47.3282, 101.4529 by changing the saturation by 10% instead.

■ 43.4501, 47.3282,
101.4529

■ 43.4501, 47.3282,
101.4529

351.3498,
376.1231, 586.1272

■ 30.4345, 33.2952,
76.8908

■ 79.6411, 86.2033,
165.2216

■ 20.3183, 22.3527,
56.6523

■ 103.5472,
111.8142, 205.2654

■ 12.7362, 14.1163,
40.3186

■ 131.8142,
142.0532, 251.3068

■ 7.3229, 8.2016,
27.4714

164.8075,
177.3046, 303.7643

■ 3.7130, 4.2242,
17.6920

202.8923,
217.9529, 363.0566

■ 1.5411, 1.7998,
10.5619

246.4340,

■ 0.3535, 0.4870,

264.3825, 429.6022

5.6627

295.7981,
316.9778, 503.8195

■ 0.0000, 0.0000,
2.5756

■ 0.0000, 0.0000,
0.8798

■ 43.4501, 47.3282,
101.4529

■ 43.4501, 47.3282,
101.4529

■ 38.0173, 40.8218,
100.4834

■ 50.0334, 54.7522,
102.5389

■ 33.6471, 35.1774,
99.6243

■ 57.8372, 63.1349,
103.7457

■ 30.2447, 30.3387,
98.8696

■ 66.9305, 72.5201,
105.0779

■ 27.6929, 26.2367,
98.2124

■ 77.3759, 82.9470,
106.5400

■ 26.5640, 24.2479,
97.8880

■ 89.2312, 94.4526,
108.1359

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.



37.2890, 47.3282, 90.1674



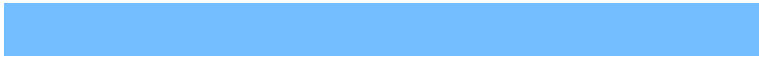
43.4501, 47.3282, 101.4529



50.7040, 47.3282, 96.7754

Triad

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



43.4501, 47.3282, 101.4529



58.8188, 47.3282, 37.3465



34.8002, 47.3282, 31.4741

Complementary

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



43.4501, 47.3282, 101.4529



61.1217, 55.9789, 24.1087

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.



39.7113, 47.3282, 23.1839



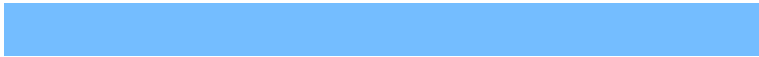
43.4501, 47.3282, 101.4529



53.6710, 47.3282, 25.8922

Square

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



43.4501, 47.3282, 101.4529



60.0908, 47.3282, 56.1053



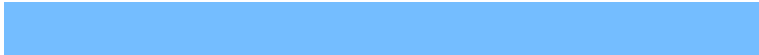
46.5537, 47.3282, 21.4529



32.6485, 47.3282, 47.2149

Rectangle

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



43.4501, 47.3282, 101.4529



55.1430, 47.3282, 85.7177



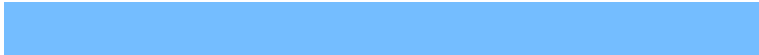
46.5537, 47.3282, 21.4529



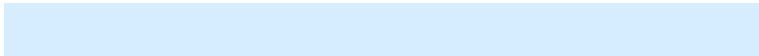
36.1563, 47.3282, 27.9121

Sweetspot

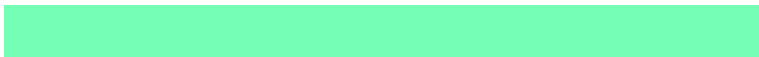
The Sweet Spot groups the original color and five complimentary colors.



43.4516, 47.3298, 101.4532



75.7282, 81.3227, 106.3133



51.2906, 78.5644, 56.1076



15.7336, 16.9354, 22.6896



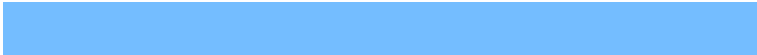
0.0000, 0.0000, 0.0000



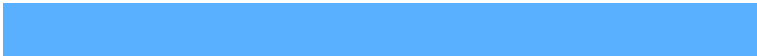
20.3446, 21.4041, 23.3091

Same Dimension

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



43.4516, 47.3298, 101.4532



37.7776, 40.5238, 100.4385



32.0472, 24.5210, 97.6517



17.7925, 18.9567, 22.9712



14.0310, 12.9715, 51.1988



1.4756, 1.4819, 5.0215

Inverse Universe

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



56.6718, 37.4267, 52.3828



52.6992, 31.5928, 44.5493



78.6925, 91.1206, 29.9657



18.4079, 18.1465, 20.7653



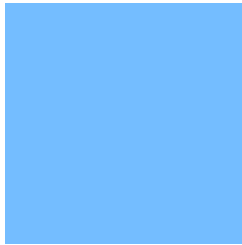
23.8704, 12.0374, 13.2338



2.3794, 1.1941, 1.5794

Previews

White Background



This preview shows how the XYZ color 43.4501, 47.3282, 101.4529 looks on a white background.

Color Contrast Check

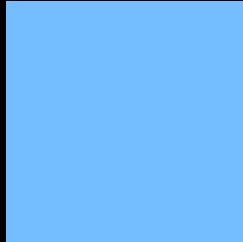
Large Text (above 18pt) WCAG AA × Fail

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 43.4501, 47.3282, 101.4529 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

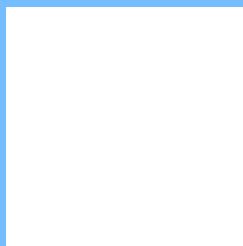
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.4501, 47.3282, 101.4529

Background



This preview shows how black text looks on a background with the XYZ color 43.4501, 47.3282, 101.4529.



This preview shows how white text looks on a background with the XYZ color 43.4501, 47.3282,

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

43.4501, 47.3282, 101.4529

Protanopia

48.1648, 47.1012, 95.3598

Deuteranopia

48.0816, 46.9304, 101.1321



Tritanopia

37.2320, 47.4459, 70.1464

Trichromacy



Original Color

43.4501, 47.3282, 101.4529

Protanomaly

46.0231, 46.8517, 97.8844

Deuteranomaly

45.9680, 46.7497, 101.2086

Tritanomaly

39.2392, 47.2492, 80.4507

Monochromacy



Original Color

43.4501, 47.3282, 101.4529

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.5468, 43.8722, 63.4579

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4501, 47.3282, 101.4529 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(116, 189, 255)` looks like.

```
.text, #text, p{  
    color:rgb(116, 189, 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(116, 189, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 189, 255) }
```

Border

The CSS property to change the border of an element to XYZ 43.4501, 47.3282, 101.4529 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(116, 189, 255) }
```


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

```
.border{ border-color:rgb(116, 189, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 189, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 189, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 189, 255);  
box-shadow:4px 4px 4px 4px rgb(116, 189,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4501, 47.3282, 101.4529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 189, 255) }
```

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

```
.background{ background-color: rgb(116,  
189, 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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