

Converting Colors

XYZ(50.8548, 50.2735,
133.4382)

Have a look what the booklet for
XYZ(50.8548, 50.2735, 133.4382)
contains.

XYZ(44.6374, 47.6221, 101.4471)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(44.6374, 47.6221,
101.4471)**

Conversions

Conversions Part 1

Format	Color
Hex	7EBCFF
RGB	126, 188, 255
RGB Percent	49%, 74%, 100%
CMY	0.5059, 0.2627, 0.0000
CMYK	0.51, 0.26, 0.00, 0.00
HSL	211°, 100%, 75%
HSV	211°, 51%, 100%
XYZ	44.6374, 47.6221, 101.4471
YIQ	177.1000, -58.4590, 7.6930

Conversions

Conversions Part 2

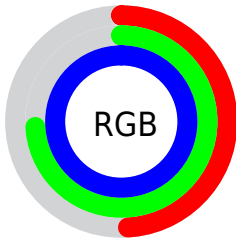
Format	Color
RYB	126, 168, 255
Decimal	8305919
CIELab	74.59, -1.81, -39.16
CIElCh	75, 39.198, 267.356
Yxy	47.6221, 0.2304, 0.2458
Android (android.graphics.Color)	4286495999 (0xFF7EBCFF)
YUV	177.1000, 38.4047, -44.8147
Hunter-Lab	69.0088, -5.3050, -38.8538

Details

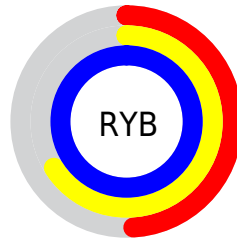
The XYZ color **44.6374, 47.6221, 101.4471** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **64.0768, 60.9077, 28.1197**, and the grayscale version is **41.6706, 43.8407, 47.7425**.

A 20% lighter version of the original color is **70.4083, 82.2357, 106.7699**, and **21.0370, 22.5290, 56.6658** is the 20% darker color. If you saturate the color by 10%, you get **38.6447, 40.5244, 100.3929**, and if you desaturate by 10%, it is **51.8509, 55.7364, 102.6331**.

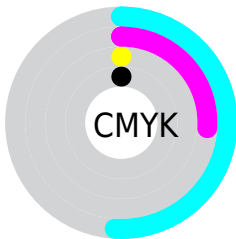
Distribution



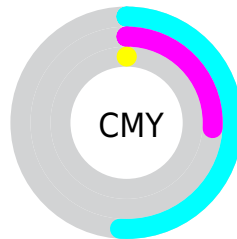
- Red (49%)
- Green (74%)
- Blue (100%)



- Red (49%)
- Yellow (66%)
- Blue (100%)



- Cyan (51%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)



- Cyan (51%)
- Magenta (26%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.6374, 47.6221, 101.4471 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 44.6374, 47.6221, 101.4471 by changing the saturation by 10% instead.

■ 44.6374, 47.6221,
101.4471

■ 44.6374, 47.6221,
101.4471

356.1115,
377.2923, 586.1086

■ 31.3720, 33.5277,
76.8860

■ 81.4164, 86.6415,
165.2136

■ 21.0355, 22.5310,
56.6483

■ 105.6608,
112.3353, 205.2561

■ 13.2625, 14.2476,
40.3155

■ 134.2955,
142.6643, 251.2961

■ 7.6878, 8.2931,
27.4690

167.6858,
178.0130, 303.7523

■ 3.9460, 4.2830,
17.6902

206.1973,
218.7658, 363.0431

■ 1.6716, 1.8331,
10.5607

250.1951,

■ 0.4384, 0.5077,

265.3070, 429.5870

5.6618

300.0447,
318.0210, 503.8027

■ 0.0000, 0.0000,
2.5751

■ 0.0000, 0.0000,
0.8796

■ 44.6374, 47.6221,
101.4471

■ 44.6374, 47.6221,
101.4471

■ 38.6447, 40.5244,
100.3929

■ 51.8509, 55.7364,
102.6331

■ 33.7871, 34.3861,
99.4641

■ 60.3539, 64.9100,
103.9556

■ 29.9735, 29.1503,
98.6545

■ 70.2149, 75.1886,
105.4199

■ 27.0945, 24.7495,
97.9568

■ 81.4960, 86.6135,
107.0305

■ 25.0783, 21.2765,
97.3928

94.2553, 99.2235,
108.7920

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.



38.3010, 47.6221, 92.1636



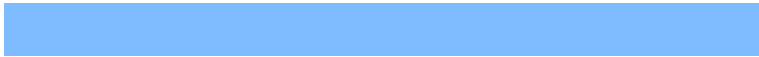
44.6374, 47.6221, 101.4471



51.8210, 47.6221, 94.8317

Triad

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



44.6374, 47.6221, 101.4471



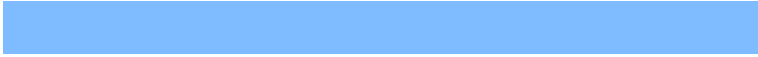
58.4827, 47.6221, 35.9017



34.7276, 47.6221, 33.5151

Complementary

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



44.6374, 47.6221, 101.4471



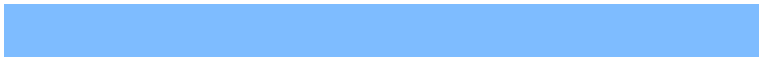
64.0768, 60.9077, 28.1197

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.



39.2837, 47.6221, 24.3321



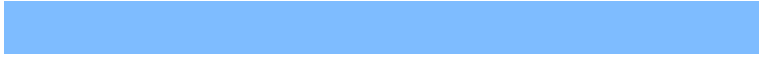
44.6374, 47.6221, 101.4471



53.0222, 47.6221, 25.4360

Square

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



44.6374, 47.6221, 101.4471



60.2923, 47.6221, 53.6744



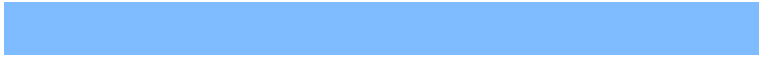
45.8952, 47.6221, 21.8131



32.9657, 47.6221, 50.0721

Rectangle

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



44.6374, 47.6221, 101.4471



56.0496, 47.6221, 83.0524



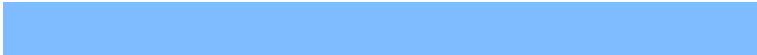
45.8952, 47.6221, 21.8131



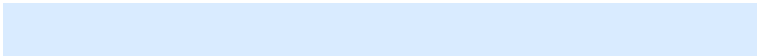
35.9582, 47.6221, 29.6460

Sweetspot

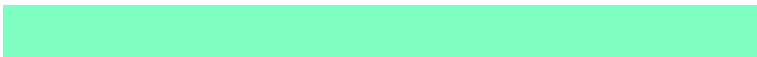
The Sweet Spot groups the original color and five complimentary colors.



44.6389, 47.6238, 101.4473



76.3376, 81.4267, 106.3012



53.9520, 79.7908, 62.8068



15.8335, 16.9157, 22.6805



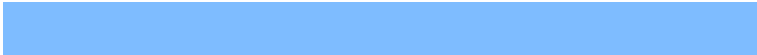
0.0000, 0.0000, 0.0000



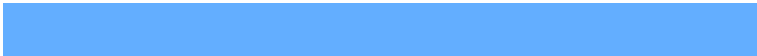
20.3446, 21.4041, 23.3091

Same Dimension

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



44.6389, 47.6238, 101.4473



38.4216, 40.2515, 100.3520



34.4371, 26.7445, 97.9549



17.7234, 18.8184, 22.9481



13.2516, 11.4128, 50.9390



1.3989, 1.3286, 4.9960

Inverse Universe

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



57.7790, 39.8141, 52.2182



53.4051, 33.3334, 43.7713



79.9797, 93.8810, 33.6461



18.3730, 18.1325, 20.5815



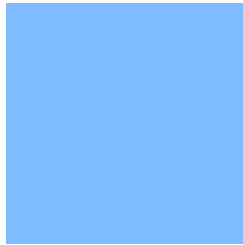
23.4770, 11.8801, 11.1623



2.3407, 1.1787, 1.3757

Previews

White Background



This preview shows how the XYZ color 44.6374, 47.6221, 101.4471 looks on a white background.

Color Contrast Check

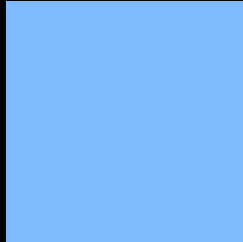
Large Text (above 18pt) WCAG AA × Fail

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 44.6374, 47.6221, 101.4471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

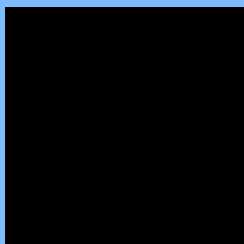
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

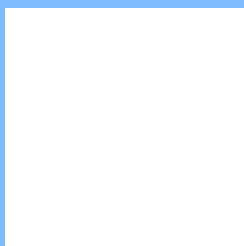
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.6374, 47.6221, 101.4471

Background



This preview shows how black text looks on a background with the XYZ color 44.6374, 47.6221, 101.4471.



This preview shows how white text looks on a background with the XYZ color 44.6374, 47.6221,

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

44.6374, 47.6221, 101.4471

Protanopia

48.5244, 47.2686, 96.1888

Deuteranopia

48.6744, 47.5368, 101.2179



Tritanopia

38.3057, 47.6781, 69.4712

Trichromacy



Original Color

44.6374, 47.6221, 101.4471

Protanomaly

46.9237, 47.3160, 97.9265

Deuteranomaly

47.0445, 47.6120, 101.3183

Tritanomaly

40.4097, 47.5233, 80.4419

Monochromacy



Original Color

44.6374, 47.6221, 101.4471

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.6439, 44.7246, 64.1955

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.6374, 47.6221, 101.4471 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(126, 188, 255)` looks like.

```
.text, #text, p{  
    color:rgb(126, 188, 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(126, 188, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 188, 255) }
```

Border

The CSS property to change the border of an element to XYZ 44.6374, 47.6221, 101.4471 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(126, 188, 255) }
```


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

```
.border{ border-color:rgb(126, 188, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 188, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 188, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 188, 255);  
box-shadow:4px 4px 4px 4px rgb(126, 188,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 44.6374, 47.6221, 101.4471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 188, 255) }
```

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

```
.background{ background-color: rgb(126,  
188, 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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