

Converting Colors

XYZ(47.3333, 46.4517,
122.1436)

Have a look what the booklet for
XYZ(47.3333, 46.4517, 122.1436)
contains.

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Color

**XYZ(43.3263, 44.7798,
100.9676)**

Conversions

Conversions Part 1

Format	Color
Hex	7FB5FF
RGB	127, 181, 255
RGB Percent	50%, 71%, 100%
CMY	0.5019, 0.2902, 0.0000
CMYK	0.50, 0.29, 0.00, 0.00
HSL	215°, 100%, 75%
HSV	215°, 50%, 100%
XYZ	43.3263, 44.7798, 100.9676
YIQ	173.2900, -55.9380, 11.5660

Conversions

Conversions Part 2

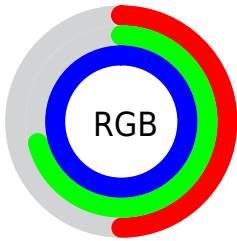
Format	Color
RYB	127, 165, 255
Decimal	8369663
CIELab	72.75, 2.28, -42.02
CIElCh	73, 42.081, 273.101
Yxy	44.7798, 0.2292, 0.2368
Android (android.graphics.Color)	4286559743 (0xFF7FB5FF)
YUV	173.2900, 40.2830, -40.5963
Hunter-Lab	66.9177, -1.5350, -42.6163

Details

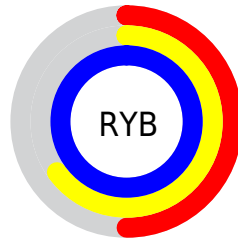
The XYZ color **43.3263, 44.7798, 100.9676** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **65.9586, 64.5673, 29.0671**, and the grayscale version is **39.6911, 41.7582, 45.4746**.

A 20% lighter version of the original color is **68.3418, 78.1027, 106.0811**, and **20.1590, 20.6738, 56.3540** is the 20% darker color. If you saturate the color by 10%, you get **37.1573, 37.3832, 99.8650**, and if you desaturate by 10%, it is **50.7763, 53.3093, 102.2213**.

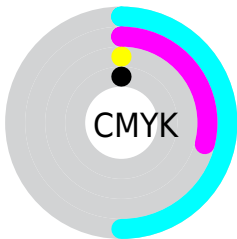
Distribution



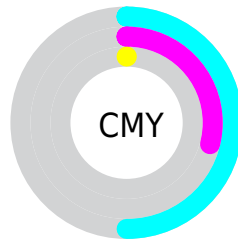
- Red (50%)
- Green (71%)
- Blue (100%)



- Red (50%)
- Yellow (65%)
- Blue (100%)



- Cyan (50%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)



- Cyan (50%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.3263, 44.7798, 100.9676 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 43.3263, 44.7798, 100.9676 by changing the saturation by 10% instead.

■ 43.3263, 44.7798,
100.9676

■ 43.3263, 44.7798,
100.9676

350.8508,
365.8810, 584.5636

■ 30.3368, 31.2840,
76.4875

■ 79.4557, 82.3899,
164.5497

■ 20.2437, 20.8152,
56.3233

■ 103.3263,
107.2730, 204.4888

■ 12.6816, 12.9890,
40.0564

■ 131.5547,
136.7206, 250.4179

■ 7.2852, 7.4210,
27.2684

164.5062,
171.1172, 302.7557

■ 3.6890, 3.7267,
17.5407

202.5463,
210.8472, 361.9206

■ 1.5277, 1.5219,
10.4547

246.0401,

■ 0.3446, 0.3041,

256.2948, 428.3312

5.5920

295.3532,
307.8447, 502.4060

■ 0.0000, 0.0000,
2.5339

■ 0.0000, 0.0000,
0.8580

■ 43.3263, 44.7798,
100.9676

■ 43.3263, 44.7798,
100.9676

■ 37.1573, 37.3832,
99.8650

■ 50.7763, 53.3093,
102.2213

■ 32.1811, 31.0571,
98.9062

■ 59.5786, 63.0199,
103.6317

■ 28.3043, 25.7387,
98.0840

■ 69.8040, 73.9624,
105.2048

■ 25.4147, 21.3540,
97.3900

■ 81.5169, 86.1827,
106.9463

■ 23.3680, 17.8560,
96.8227

94.7775, 99.7244,
108.8612

95.0500, 100.0000,
108.9000

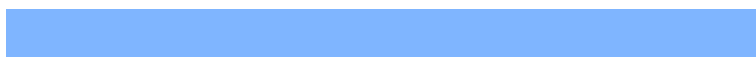
Harmonies

Analogous

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



36.5180, 44.7798, 94.1516



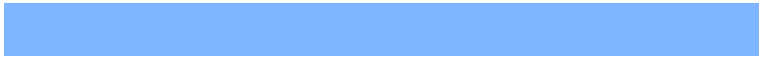
43.3263, 44.7798, 100.9676



50.7030, 44.7798, 90.8170

Triad

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



43.3263, 44.7798, 100.9676



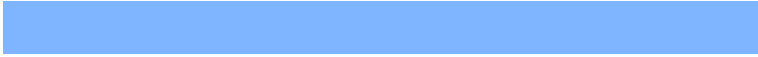
55.4464, 44.7798, 29.9228



31.2239, 44.7798, 32.7284

Complementary

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



43.3263, 44.7798, 100.9676



65.9586, 64.5673, 29.0671

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.



35.3424, 44.7798, 22.2259



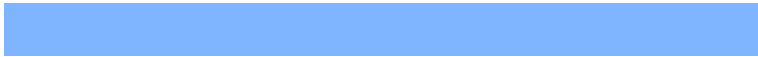
43.3263, 44.7798, 100.9676



49.2382, 44.7798, 20.9616

Square

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



43.3263, 44.7798, 100.9676



58.1849, 44.7798, 46.6135



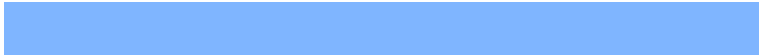
41.8065, 44.7798, 18.6099



30.0203, 44.7798, 50.9665

Rectangle

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



43.3263, 44.7798, 100.9676



54.8119, 44.7798, 77.1184



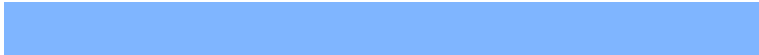
41.8065, 44.7798, 18.6099



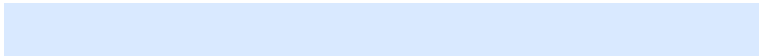
32.2882, 44.7798, 28.3733

Sweetspot

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



43.3277, 44.7813, 100.9678



75.6978, 80.1470, 106.0880



54.8845, 80.1810, 66.9434



15.6799, 16.6085, 22.6293



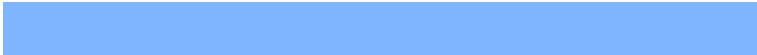
0.0000, 0.0000, 0.0000



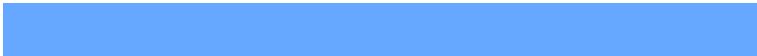
20.3446, 21.4041, 23.3091

Same Dimension

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



43.3277, 44.7813, 100.9678



37.2652, 37.5161, 99.8850



35.7188, 27.5960, 98.0517



17.6328, 18.6372, 22.9179



12.3504, 9.6104, 50.6386



1.3078, 1.1463, 4.9656

Inverse Universe

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



57.1709, 39.7766, 48.3819



52.9245, 33.5360, 40.0232



77.7612, 92.7299, 33.8809



18.3273, 18.1142, 20.3408



23.0221, 11.6981, 8.7669



2.2947, 1.1603, 1.1335

Previews

White Background



This preview shows how the XYZ color 43.3263, 44.7798, 100.9676 looks on a white background.

Color Contrast Check

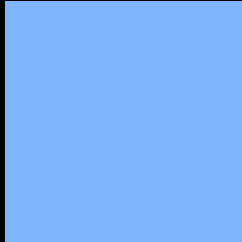
Large Text (above 18pt) WCAG AA × Fail

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 43.3263, 44.7798, 100.9676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

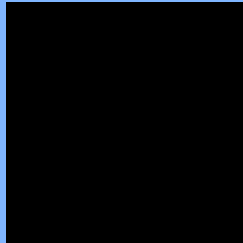
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

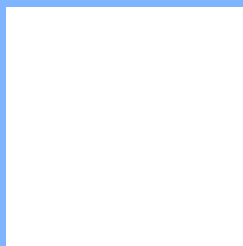
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.3263, 44.7798, 100.9676

Background



This preview shows how black text looks on a background with the XYZ color 43.3263, 44.7798, 100.9676.



This preview shows how white text looks on a background with the XYZ color 43.3263, 44.7798,

100.9676.

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

43.3263, 44.7798, 100.9676

Protanopia

46.1029, 44.5306, 96.6079

Deuteranopia

45.7881, 44.5666, 100.7967



Tritanopia

36.1096, 44.6627, 65.1101

Trichromacy



Original Color

43.3263, 44.7798, 100.9676

Protanomaly

44.9699, 44.4923, 98.3132

Deuteranomaly

44.7856, 44.6362, 100.8629

Tritanomaly

38.5610, 44.7044, 77.1174

Monochromacy



Original Color

43.3263, 44.7798, 100.9676

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

40.0151, 42.4304, 62.5808

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3263, 44.7798, 100.9676 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(127, 181, 255)` looks like.

```
.text, #text, p{  
    color:rgb(127, 181, 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(127, 181, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 181, 255) }
```

Border

The CSS property to change the border of an element to XYZ 43.3263, 44.7798, 100.9676 is called "border". The border property can be set on classes, ids or directly on the HTML element.

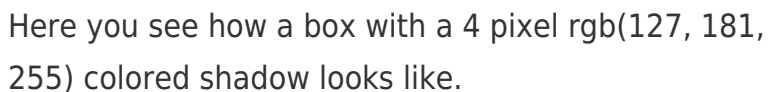
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(127, 181, 255) }
```


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

```
.border{ border-color:rgb(127, 181, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(127, 181, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 181, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 181, 255);  
box-shadow:4px 4px 4px 4px rgb(127, 181,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3263, 44.7798, 100.9676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 181, 255) }
```

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

```
.background{ background-color: rgb(127,  
181, 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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