

Converting Colors

XYZ(43.5729, 48.5668,
101.4053)

Have a look what the booklet for
XYZ(43.5729, 48.5668, 101.4053)
contains.

XYZ(43.6755, 48.7394, 101.7134)	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(43.6755, 48.7394,
101.7134)**

Conversions

Conversions Part 1

Format	Color
Hex	6FC1FF
RGB	111, 193, 255
RGB Percent	44%, 76%, 100%
CMY	0.5647, 0.2431, 0.0000
CMYK	0.56, 0.24, 0.00, 0.00
HSL	206°, 100%, 72%
HSV	206°, 56%, 100%
XYZ	43.6755, 48.7394, 101.7134
YIQ	175.5500, -68.7740, 1.8980

Conversions

Conversions Part 2

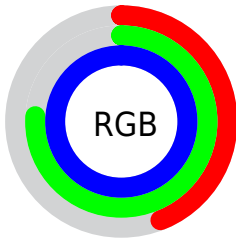
Format	Color
RYB	111, 163, 255
Decimal	7324159
CIELab	75.29, -7.65, -38.12
CIELCh	75, 38.876, 258.651
Yxy	48.7394, 0.2250, 0.2511
Android (android.graphics.Color)	4285514239 (0xFF6FC1FF)
YUV	175.5500, 39.1689, -56.6103
Hunter-Lab	69.8136, -10.5039, -37.5117

Details

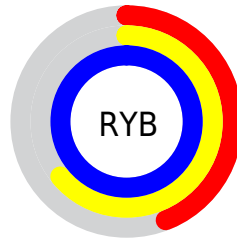
The XYZ color **43.6755, 48.7394, 101.7134** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **59.0541, 52.2968, 22.0228**, and the grayscale version is **40.8629, 42.9909, 46.8171**.

A 20% lighter version of the original color is **68.7203, 83.6293, 107.1279**, and **20.5260, 23.3256, 56.8465** is the 20% darker color. If you saturate the color by 10%, you get **38.5753, 42.6406, 100.8051**, and if you desaturate by 10%, it is **49.8745, 55.6740, 102.7252**.

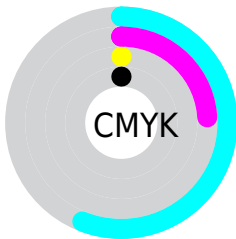
Distribution



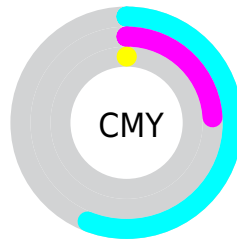
- Red (44%)
- Green (76%)
- Blue (100%)



- Red (44%)
- Yellow (64%)
- Blue (100%)



- Cyan (56%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (56%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.6755, 48.7394, 101.7134 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 43.6755, 48.7394, 101.7134 by changing the saturation by 10% instead.

■ 43.6755, 48.7394,
101.7134

■ 43.6755, 48.7394,
101.7134

352.2570,
381.7155, 586.9657

■ 30.6123, 34.4128,
77.1074

■ 79.9786, 88.3043,
165.5822

■ 20.4542, 23.2109,
56.8289

■ 103.9492,
114.3114, 205.6820

■ 12.8358, 14.7493,
40.4595

■ 132.2863,
144.9807, 251.7836

■ 7.3918, 8.6436,
27.5805

165.3553,
180.6967, 304.3053

■ 3.7568, 4.5095,
17.7734

203.5215,
221.8438, 363.6659

■ 1.5655, 1.9624,
10.6196

247.1503,

■ 0.3698, 0.5855,

268.8064, 430.2838

5.7008

296.6070,
321.9688, 504.5775

■ 0.0000, 0.0000,
2.5982

■ 0.0000, 0.0000,
0.8915

■ 43.6755, 48.7394,
101.7134

■ 43.6755, 48.7394,
101.7134

■ 38.5753, 42.6406,
100.8051

■ 49.8745, 55.6740,
102.7252

■ 34.4852, 37.3234,
99.9943

■ 57.2423, 63.4832,
103.8442

■ 31.3086, 32.7329,
99.2757

■ 65.8480, 72.2092,
105.0750

■ 28.9237, 28.8001,
98.6423

■ 75.7536, 81.8891,
106.4213

■ 28.2071, 27.5343,
98.4357

■ 87.0168, 92.5578,
107.8869

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.



37.8335, 48.7394, 88.4005



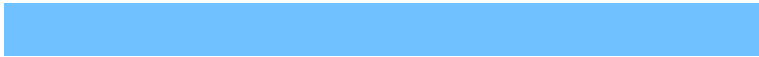
43.6755, 48.7394, 101.7134



50.8565, 48.7394, 99.7266

Triad

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



43.6755, 48.7394, 101.7134



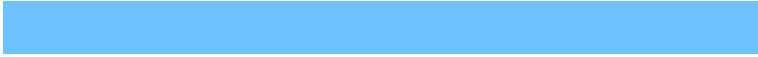
60.5906, 48.7394, 41.4606



36.7634, 48.7394, 31.0987

Complementary

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



43.6755, 48.7394, 101.7134



59.0541, 52.2968, 22.0228

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.



42.0716, 48.7394, 23.8498



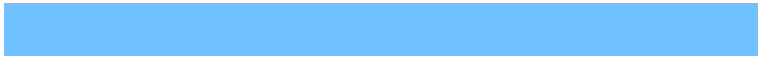
43.6755, 48.7394, 101.7134



56.0013, 48.7394, 28.6843

Square

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



43.6755, 48.7394, 101.7134



61.1335, 48.7394, 61.1896



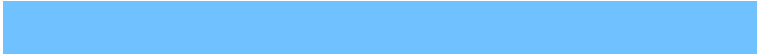
49.0802, 48.7394, 23.0975



34.1252, 48.7394, 45.7005

Rectangle

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



43.6755, 48.7394, 101.7134



55.4411, 48.7394, 90.0839



49.0802, 48.7394, 23.0975



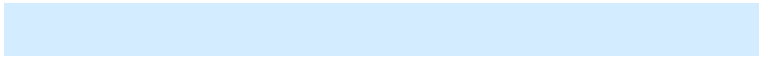
38.2679, 48.7394, 27.9017

Sweetspot

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



43.6770, 48.7411, 101.7137



75.1927, 81.3492, 106.3466



49.6676, 77.8404, 50.9372



15.6485, 16.9813, 22.7029



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.



43.6770, 48.7411, 101.7137



37.8852, 41.7764, 100.6746



31.6903, 24.7676, 97.7181



17.8616, 19.0949, 22.9942



14.8901, 14.6897, 51.4852



1.5584, 1.6474, 5.0491

Inverse Universe

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



56.5512, 36.4809, 54.5146



52.5002, 30.5436, 46.4909



76.1604, 86.5094, 27.7249



18.4428, 18.1604, 20.9490



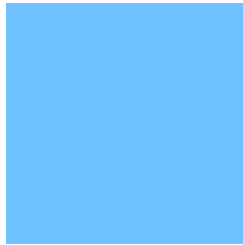
24.3040, 12.2109, 15.5173



2.4212, 1.2109, 1.7994

Previews

White Background



This preview shows how the XYZ color 43.6755, 48.7394, 101.7134 looks on a white background.

Color Contrast Check

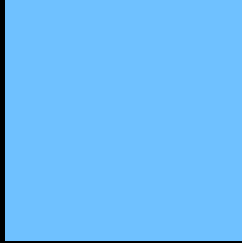
Large Text (above 18pt) WCAG AA × Fail

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 43.6755, 48.7394, 101.7134 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

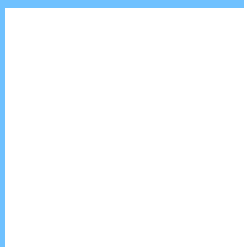
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.6755, 48.7394, 101.7134

Background



This preview shows how black text looks on a background with the XYZ color 43.6755, 48.7394, 101.7134.

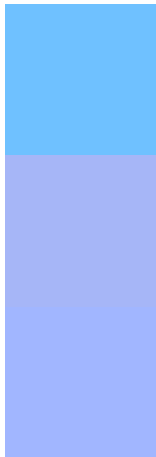


This preview shows how white text looks on a background with the XYZ color 43.6755, 48.7394,

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

43.6755, 48.7394, 101.7134

Protanopia

49.2423, 48.2783, 94.7190

Deuteranopia

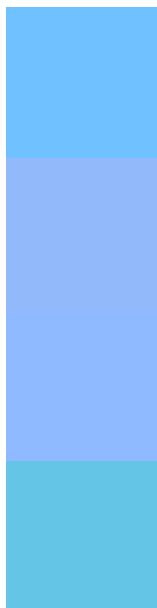
49.4759, 48.2530, 101.3138



Tritanopia

37.8728, 48.7532, 72.3800

Trichromacy



Original Color

43.6755, 48.7394, 101.7134

Protanomaly

46.6683, 48.1309, 97.2730

Deuteranomaly

46.9366, 48.1775, 101.4331

Tritanomaly

39.6160, 48.4124, 82.1195

Monochromacy



Original Color

43.6755, 48.7394, 101.7134

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

40.6963, 44.5391, 64.2096

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6755, 48.7394, 101.7134 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(111, 193, 255)` looks like.

```
.text, #text, p{  
    color:rgb(111, 193, 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(111, 193, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 193, 255) }
```

Border

The CSS property to change the border of an element to XYZ 43.6755, 48.7394, 101.7134 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(111, 193, 255) }
```


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

```
.border{ border-color:rgb(111, 193, 255) }
```

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

Here you see how a box with a 4 pixel rgb(111, 193, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 193, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 193, 255);  
box-shadow:4px 4px 4px 4px rgb(111, 193,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6755, 48.7394, 101.7134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 193, 255) }
```

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

```
.background{ background-color: rgb(111,  
193, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor