

Converting Colors

XYZ(43.6709, 45.1661, 93.9322)

Have a look what the booklet for
XYZ(43.6709, 45.1661, 93.9322)
contains.

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Color

**XYZ(43.6397, 45.1048,
93.5948)**

Conversions

Conversions Part 1

Format	Color
Hex	8AB5F6
RGB	138, 181, 246
RGB Percent	54%, 71%, 96%
CMY	0.4588, 0.2902, 0.0353
CMYK	0.44, 0.26, 0.00, 0.04
HSL	216°, 86%, 75%
HSV	216°, 44%, 96%
XYZ	43.6397, 45.1048, 93.5948
YIQ	175.5530, -46.4930, 11.0990

Conversions

Conversions Part 2

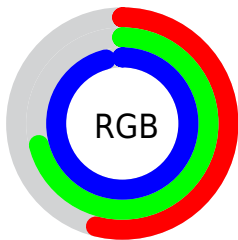
Format	Color
R _Y B	138, 169, 246
Decimal	9090550
CIE Lab	72.96, 2.28, -36.78
CIE LCh	73, 36.853, 273.545
Yxy	45.1048, 0.2393, 0.2474
Android (android.graphics.Color)	4287280630 (0xFF8AB5F6)
YUV	175.5530, 34.7304, -32.9340
Hunter-Lab	67.1601, -1.5434, -35.6149

Details

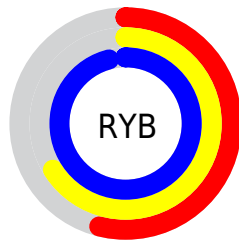
The XYZ color **43.6397, 45.1048, 93.5948** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **63.9510, 64.1417, 33.0568**, and the grayscale version is **40.8782, 43.0071, 46.8347**.

A 20% lighter version of the original color is **70.8399, 79.3905, 106.1980**, and **20.2978, 20.8618, 51.1010** is the 20% darker color. If you saturate the color by 10%, you get **37.1691, 37.5356, 92.4757**, and if you desaturate by 10%, it is **51.3551, 53.7924, 94.8659**.

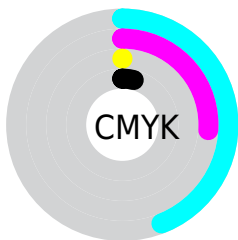
Distribution



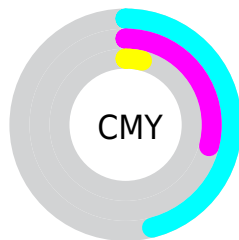
- Red (54%)
- Green (71%)
- Blue (96%)



- Red (54%)
- Yellow (66%)
- Blue (96%)



- Cyan (44%)
- Magenta (26%)
- Yellow (0%)
- Black (4%)



- Cyan (46%)
- Magenta (29%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.6397, 45.1048, 93.5948 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 43.6397, 45.1048, 93.5948 by changing the saturation by 10% instead.

■ 43.6397, 45.1048,
93.5948

■ 43.6397, 45.1048,
93.5948

352.1130,
367.1978, 560.5255

■ 30.5840, 31.5400,
70.3756

■ 79.9250, 82.8777,
154.3007

■ 20.4326, 21.0104,
51.3541

■ 103.8854,
107.8545, 192.6244

■ 12.8200, 13.1316,
36.1118

132.2114,
137.4041, 236.8200

■ 7.3808, 7.5192,
24.2302

165.2683,
171.9109, 287.3060

■ 3.7498, 3.7889,
15.2907

203.4216,
211.7593, 344.5011

■ 1.5616, 1.5562,
8.8748

247.0366,

■ 0.3672, 0.3278,

257.3336, 408.8237

4.5639

296.4786,
309.0183, 480.6923

■ 0.0000, 0.0000,
1.9395

■ 0.0000, 0.0000,
0.5177

■ 43.6397, 45.1048,
93.5948

■ 43.6397, 45.1048,
93.5948

■ 37.1691, 37.5356,
92.4757

■ 51.3551, 53.7924,
94.8659

■ 31.8655, 31.0274,
91.4990

■ 60.3771, 63.6418,
96.2915

■ 27.6492, 25.5244,
90.6590

■ 70.7690, 74.7000,
97.8782

■ 24.4270, 20.9621,
89.9482

■ 82.5883, 87.0096,
99.6313

■ 22.0867, 17.2654,
89.3581

■ 93.6347, 99.4339,
101.4472

■ 20.9970, 15.3786,
89.0513

Harmonies

Analogous

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



37.5966, 45.1048, 88.1117



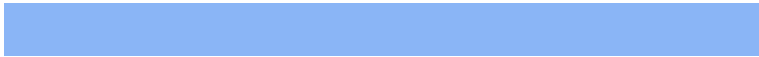
43.6397, 45.1048, 93.5948



50.0705, 45.1048, 84.9188

Triad

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



43.6397, 45.1048, 93.5948



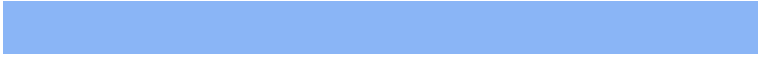
54.0201, 45.1048, 32.0316



32.7292, 45.1048, 34.9688

Complementary

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



43.6397, 45.1048, 93.5948



63.9510, 64.1417, 33.0568

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.



36.3965, 45.1048, 25.1210



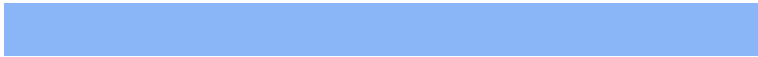
43.6397, 45.1048, 93.5948



48.6165, 45.1048, 23.7467

Square

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



43.6397, 45.1048, 93.5948



56.4292, 45.1048, 46.9547



42.1109, 45.1048, 21.5746



31.6792, 45.1048, 51.3333

Rectangle

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



43.6397, 45.1048, 93.5948



53.6013, 45.1048, 73.2919



42.1109, 45.1048, 21.5746



33.6774, 45.1048, 30.9371

Sweetspot

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



43.6413, 45.1065, 93.5959



77.8504, 82.1703, 106.3650



54.1942, 75.6183, 68.1162



16.0950, 16.9896, 22.6810



0.0000, 0.0000, 0.0000



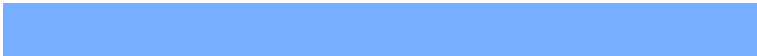
20.3446, 21.4041, 23.3091

Same Dimension

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



43.6413, 45.1065, 93.5959



40.8451, 41.3427, 100.4349



38.0828, 31.2036, 91.2053



16.1226, 17.0094, 20.9760



11.3353, 8.4643, 47.5744



1.0938, 0.9390, 4.2138

Inverse Universe

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



55.4364, 41.1078, 48.7303



55.5452, 37.6996, 44.2193



71.8714, 85.4438, 36.7510



16.7724, 16.5918, 18.5482



21.5260, 10.9538, 7.4784



1.9412, 0.9824, 0.9165

Previews

White Background



This preview shows how the XYZ color 43.6397, 45.1048, 93.5948 looks on a white background.

Color Contrast Check

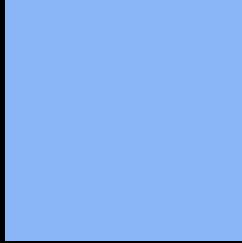
Large Text (above 18pt) WCAG AA × Fail

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 43.6397, 45.1048, 93.5948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

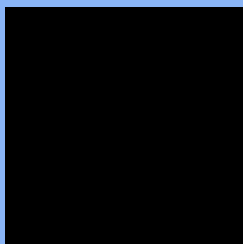
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

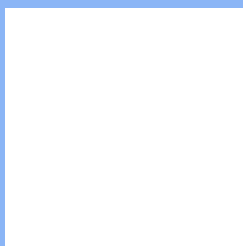
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.6397, 45.1048, 93.5948

Background



This preview shows how black text looks on a background with the XYZ color 43.6397, 45.1048, 93.5948.



This preview shows how white text looks on a background with the XYZ color 43.6397, 45.1048,

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

43.6397, 45.1048, 93.5948

Protanopia

45.8504, 44.8324, 90.2413

Deuteranopia

46.0241, 44.8340, 94.2238



Tritanopia

37.7009, 45.1904, 63.8623

Trichromacy



Original Color

43.6397, 45.1048, 93.5948

Protanomaly

44.8606, 44.8912, 91.0945

Deuteranomaly

45.1033, 44.9458, 94.2939

Tritanomaly

39.5510, 44.9781, 73.6149

Monochromacy



Original Color

43.6397, 45.1048, 93.5948

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.3633, 43.7392, 61.5208

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6397, 45.1048, 93.5948 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(138, 181, 246)` looks like.

```
.text, #text, p{  
    color:rgb(138, 181, 246)  
}
```

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(138, 181, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 181, 246) }
```

Border

The CSS property to change the border of an element to XYZ 43.6397, 45.1048, 93.5948 is called "border". The border property can be set on classes, ids or directly on the HTML element.

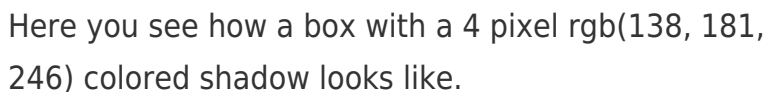
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(138, 181, 246) }
```


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

```
.border{ border-color:rgb(138, 181, 246) }
```

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



Here you see how a box with a 4 pixel `rgb(138, 181, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(138, 181, 246); -webkit-box-shadow:4px 4px 4px 4px rgb(138, 181, 246); box-shadow:4px 4px 4px 4px rgb(138, 181, 246) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6397, 45.1048, 93.5948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 181, 246) }
```

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

```
.background{ background-color: rgb(138,  
181, 246) }
```

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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