

Converting Colors

XYZ(44.2746, 45.2674, 93.6631)

Have a look what the booklet for
XYZ(44.2746, 45.2674, 93.6631)
contains.

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Color

**XYZ(44.1111, 45.0471,
93.5588)**

Conversions

Conversions Part 1

Format	Color
Hex	8EB4F6
RGB	142, 180, 246
RGB Percent	56%, 71%, 96%
CMY	0.4431, 0.2941, 0.0353
CMYK	0.42, 0.27, 0.00, 0.04
HSL	218°, 85%, 76%
HSV	218°, 42%, 96%
XYZ	44.1111, 45.0471, 93.5588
YIQ	176.1620, -43.8340, 12.4700

Conversions

Conversions Part 2

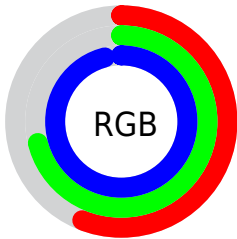
Format	Color
R _Y B	142, 170, 246
Decimal	9352438
CIE Lab	72.92, 3.83, -36.82
CIE LCh	73, 37.022, 275.933
Yxy	45.0471, 0.2414, 0.2465
Android (android.graphics.Color)	4287542518 (0xFF8EB4F6)
YUV	176.1620, 34.4301, -29.9601
Hunter-Lab	67.1171, -0.1402, -35.6661

Details

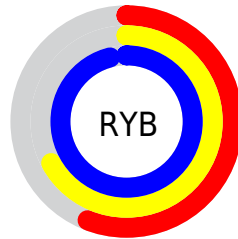
The XYZ color **44.1111, 45.0471, 93.5588** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **65.4457, 66.6591, 35.0100**, and the grayscale version is **41.1950, 43.3404, 47.1977**.

A 20% lighter version of the original color is **71.5986, 79.3530, 106.1508**, and **20.6124, 20.8313, 51.0786** is the 20% darker color. If you saturate the color by 10%, you get **37.3709, 37.1551, 92.3916**, and if you desaturate by 10%, it is **52.1407, 54.1326, 94.8901**.

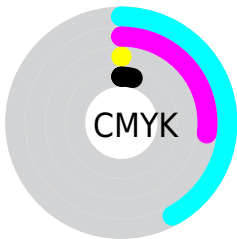
Distribution



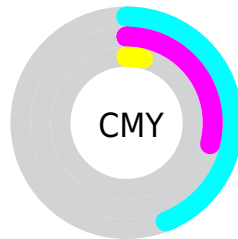
- Red (56%)
- Green (71%)
- Blue (96%)



- Red (56%)
- Yellow (67%)
- Blue (96%)



- Cyan (42%)
- Magenta (27%)
- Yellow (0%)
- Black (4%)



- Cyan (44%)
- Magenta (29%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.1111, 45.0471, 93.5588 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 44.1111, 45.0471, 93.5588 by changing the saturation by 10% instead.

■ 44.1111, 45.0471,
93.5588

■ 44.1111, 45.0471,
93.5588

354.0060,
366.9643, 560.4068

■ 30.9561, 31.4945,
70.3458

■ 80.6302, 82.7911,
154.2504

■ 20.7171, 20.9757,
51.3300

■ 104.7251,
107.7513, 192.5661

■ 13.0287, 13.1062,
36.0927

133.1973,
137.2828, 236.7531

■ 7.5254, 7.5017,
24.2155

166.4122,
171.7701, 287.2300

■ 3.8420, 3.7778,
15.2799

204.7352,
211.5975, 344.4153

■ 1.6132, 1.5501,
8.8673

248.5316,

■ 0.4010, 0.3236,

257.1494, 408.7275

4.5591

298.1667,
308.8102, 480.5851

■ 0.0000, 0.0000,
1.9368

■ 0.0000, 0.0000,
0.5160

■ 44.1111, 45.0471,
93.5588

■ 44.1111, 45.0471,
93.5588

■ 37.3709, 37.1551,
92.3916

■ 52.1407, 54.1326,
94.8901

■ 31.8417, 30.3961,
91.3784

■ 61.5226, 64.4578,
96.3886

■ 27.4434, 24.7113,
90.5129

■ 72.3207, 76.0726,
98.0614

■ 24.0828, 20.0333,
89.7871

■ 84.5936, 89.0223,
99.9140

■ 21.6493, 16.2843,
89.1917

■ 93.6347, 99.4339,
101.4472

■ 20.2811, 13.9468,
88.8126

Harmonies

Analogous

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



37.9529, 45.0471, 89.1709



44.1111, 45.0471, 93.5588



50.5171, 45.0471, 83.8115

Triad

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



44.1111, 45.0471, 93.5588



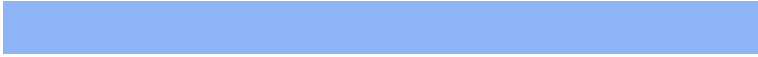
53.6680, 45.0471, 31.0124



32.4574, 45.0471, 35.9383

Complementary

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



44.1111, 45.0471, 93.5588



65.4457, 66.6591, 35.0100

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.



35.9401, 45.0471, 25.5366



44.1111, 45.0471, 93.5588



48.0775, 45.0471, 23.2328

Square

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



44.1111, 45.0471, 93.5588



56.3799, 45.0471, 45.4670



41.5463, 45.0471, 21.5156



31.6231, 45.0471, 52.8136

Rectangle

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



44.1111, 45.0471, 93.5588



53.9378, 45.0471, 71.7665



41.5463, 45.0471, 21.5156



33.3388, 45.0471, 31.7155

Sweetspot

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



44.1127, 45.0488, 93.5599



77.5404, 81.5502, 106.2617



55.4812, 76.2109, 71.3760



16.0189, 16.8373, 22.6556



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.



44.1127, 45.0488, 93.5599



41.3419, 41.2597, 100.3927



39.9936, 33.0562, 91.4622



16.0769, 16.9181, 20.9607



10.9470, 7.6877, 47.4449



1.0565, 0.8644, 4.2014

Inverse Universe

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



55.9186, 42.2357, 48.3867



56.0587, 38.9112, 43.8218



71.1614, 85.0436, 38.2574



16.7494, 16.5826, 18.4269



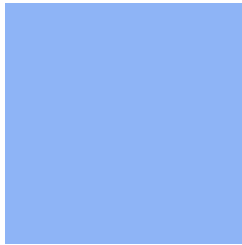
21.3300, 10.8755, 6.4464



1.9223, 0.9749, 0.8174

Previews

White Background



This preview shows how the XYZ color 44.1111, 45.0471, 93.5588 looks on a white background.

Color Contrast Check

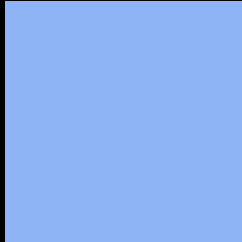
Large Text (above 18pt) WCAG AA × Fail

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 44.1111, 45.0471, 93.5588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

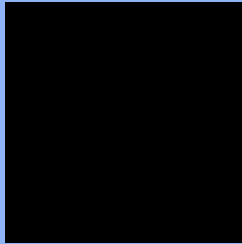
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

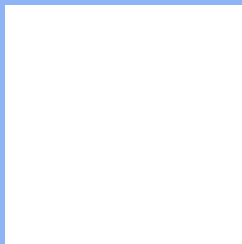
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.1111, 45.0471, 93.5588

Background



This preview shows how black text looks on a background with the XYZ color 44.1111, 45.0471, 93.5588.



This preview shows how white text looks on a background with the XYZ color 44.1111, 45.0471,

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

44.1111, 45.0471, 93.5588

Protanopia

46.0011, 44.8927, 91.0347

Deuteranopia

46.0241, 44.8340, 94.2238



Tritanopia

37.9686, 45.0241, 63.1893

Trichromacy



Original Color

44.1111, 45.0471, 93.5588

Protanomaly

45.1881, 44.7482, 91.8436

Deuteranomaly

45.2731, 44.7390, 94.2450

Tritanomaly

39.9667, 44.8807, 73.5742

Monochromacy



Original Color

44.1111, 45.0471, 93.5588

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.5746, 43.5538, 61.4739

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.1111, 45.0471, 93.5588 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(142, 180, 246)` looks like.

```
.text, #text, p{  
    color:rgb(142, 180, 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(142, 180, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 180, 246) }
```

Border

The CSS property to change the border of an element to XYZ 44.1111, 45.0471, 93.5588 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(142, 180, 246) }
```


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

```
.border{ border-color:rgb(142, 180, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 180, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 180, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 180, 246);  
box-shadow:4px 4px 4px 4px rgb(142, 180,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 44.1111, 45.0471, 93.5588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 180, 246) }
```

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

```
.background{ background-color: rgb(142,  
180, 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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