

Converting Colors

XYZ(41.5460, 41.5958, 92.8327)

Have a look what the booklet for
XYZ(41.5460, 41.5958, 92.8327)
contains.

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Color

**XYZ(41.5698, 41.6919,
93.0451)**

Conversions

Conversions Part 1

Format	Color
Hex	87ADF6
RGB	135, 173, 246
RGB Percent	53%, 68%, 96%
CMY	0.4706, 0.3216, 0.0353
CMYK	0.45, 0.30, 0.00, 0.04
HSL	219°, 86%, 75%
HSV	219°, 45%, 96%
XYZ	41.5698, 41.6919, 93.0451
YIQ	169.9600, -46.0810, 14.6470

Conversions

Conversions Part 2

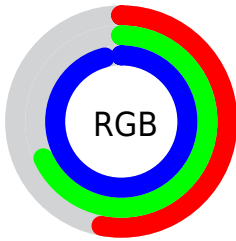
Format	Color
RYB	135, 163, 246
Decimal	8891894
CIELab	70.66, 6.01, -40.38
CIElCh	71, 40.825, 278.462
Yxy	41.6919, 0.2358, 0.2365
Android (android.graphics.Color)	4287081974 (0xFF87ADF6)
YUV	169.9600, 37.4877, -30.6599
Hunter-Lab	64.5693, 1.9224, -40.2391

Details

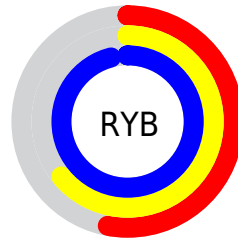
The XYZ color **41.5698, 41.6919, 93.0451** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **64.9365, 66.4556, 32.3282**, and the grayscale version is **38.0255, 40.0058, 43.5663**.

A 20% lighter version of the original color is **67.5316, 73.9133, 105.3151**, and **19.1646, 18.9686, 50.7953** is the 20% darker color. If you saturate the color by 10%, you get **35.1429, 34.0494, 91.9095**, and if you desaturate by 10%, it is **49.2897, 50.5601, 94.3507**.

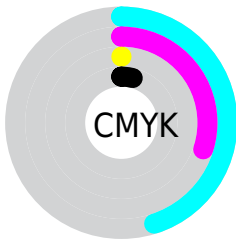
Distribution



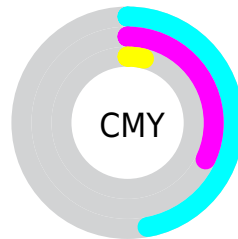
- Red (53%)
- Green (68%)
- Blue (96%)



- Red (53%)
- Yellow (64%)
- Blue (96%)



- Cyan (45%)
- Magenta (30%)
- Yellow (0%)
- Black (4%)



- Cyan (47%)
- Magenta (32%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.5698, 41.6919, 93.0451 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 41.5698, 41.6919, 93.0451 by changing the saturation by 10% instead.

■ 41.5698, 41.6919,
93.0451

■ 41.5698, 41.6919,
93.0451

343.7185,
353.2042, 558.7111

■ 28.9542, 28.8601,
69.9211

■ 76.8174, 77.7331,
153.5333

■ 19.1903, 18.9750,
50.9858

■ 100.1801,
101.7113, 191.7346

■ 11.9127, 11.6522,
35.8207

■ 127.8559,
130.1738, 235.7987

■ 6.7560, 6.5073,
24.0071

160.2101,
163.5050, 286.1443

■ 3.3550, 3.1560,
15.1267

197.6081,
202.0892, 343.1897

■ 1.3441, 1.2137,
8.7607

240.4153,

■ 0.2159, 0.0728,

246.3109, 407.3537

4.4908

288.9970,
296.5544, 479.0546

■ 0.0000, 0.0000,
1.8983

■ 0.0000, 0.0000,
0.4916

■ 41.5698, 41.6919,
93.0451

■ 41.5698, 41.6919,
93.0451

■ 35.1429, 34.0494,
91.9095

■ 49.2897, 50.5601,
94.3507

■ 29.9272, 27.5685,
90.9334

■ 58.3686, 60.7047,
95.8303

■ 25.8381, 22.1852,
90.1099

■ 68.8730, 72.1786,
97.4914

■ 22.7766, 17.8260,
89.4298

■ 80.8637, 85.0303,
99.3400

■ 20.6231, 14.4054,
88.8831

■ 93.2834, 98.7314,
101.3300

■ 19.8217, 13.0280,
88.6594

■ 93.6347, 99.4339,
101.4471

Harmonies

Analogous

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



35.0457, 41.6919, 89.5509



41.5698, 41.6919, 93.0451



48.2704, 41.6919, 81.2111

Triad

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



41.5698, 41.6919, 93.0451



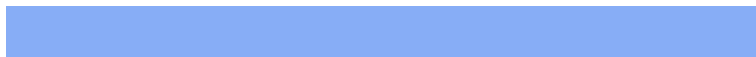
50.6963, 41.6919, 25.9609



28.7281, 41.6919, 33.0590

Complementary

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



41.5698, 41.6919, 93.0451



64.9365, 66.4556, 32.3282

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.



32.0822, 41.6919, 22.0475



41.5698, 41.6919, 93.0451



44.5909, 41.6919, 18.8343

Square

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



41.5698, 41.6919, 93.0451



53.9180, 41.6919, 40.1368



37.7455, 41.6919, 17.6404



28.1145, 41.6919, 51.0943

Rectangle

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



41.5698, 41.6919, 93.0451



51.7644, 41.6919, 67.7736



37.7455, 41.6919, 17.6404



29.5525, 41.6919, 28.5808

Sweetspot

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



41.5713, 41.6934, 93.0461



76.0758, 79.7708, 105.9954



54.2296, 75.5758, 70.8586



15.7190, 16.4639, 22.5993



0.0000, 0.0000, 0.0000



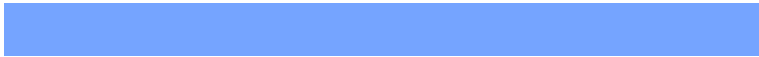
20.3446, 21.4041, 23.3091

Same Dimension

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



41.5713, 41.6934, 93.0461



38.7808, 37.7313, 99.8466



38.1836, 30.6253, 91.0883



16.0449, 16.8541, 20.9501



10.6969, 7.1875, 47.3616



1.0319, 0.8152, 4.1932

Inverse Universe

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



54.2141, 39.9395, 44.3883



54.3769, 36.7489, 39.5578



69.7549, 84.3774, 35.5335



16.7333, 16.5762, 18.3419



21.2038, 10.8250, 5.7816



1.9099, 0.9699, 0.7520

Previews

White Background



This preview shows how the XYZ color 41.5698, 41.6919, 93.0451 looks on a white background.

Color Contrast Check

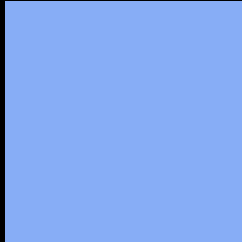
Large Text (above 18pt) WCAG AA × Fail

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 41.5698, 41.6919, 93.0451 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 41.5698, 41.6919, 93.0451

Background



This preview shows how black text looks on a background with the XYZ color 41.5698, 41.6919, 93.0451.



This preview shows how white text looks on a background with the XYZ color 41.5698, 41.6919,

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

41.5698, 41.6919, 93.0451

Protanopia

42.9468, 41.6101, 90.5620

Deuteranopia

42.8530, 41.7705, 93.7996



Tritanopia

34.6911, 41.5521, 59.0153

Trichromacy



Original Color

41.5698, 41.6919, 93.0451

Protanomaly

42.3936, 41.5868, 91.3806

Deuteranomaly

42.5255, 41.8832, 93.8386

Tritanomaly

36.9900, 41.5821, 70.3665

Monochromacy



Original Color

41.5698, 41.6919, 93.0451

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.6606, 40.3711, 59.1809

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5698, 41.6919, 93.0451 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(135, 173, 246)` looks like.

```
.text, #text, p{  
    color:rgb(135, 173, 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(135, 173, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 173, 246) }
```

Border

The CSS property to change the border of an element to XYZ 41.5698, 41.6919, 93.0451 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(135, 173, 246) }
```


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

```
.border{ border-color:rgb(135, 173, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 173, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 173, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 173, 246);  
box-shadow:4px 4px 4px 4px rgb(135, 173,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5698, 41.6919, 93.0451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 173, 246) }
```

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

```
.background{ background-color: rgb(135,  
173, 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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