

Converting Colors

XYZ(42.6230, 41.5798, 97.0460)

Have a look what the booklet for
XYZ(42.6230, 41.5798, 97.0460)
contains.

XYZ(42.6230, 41.5798, 97.0460)	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(42.6230, 41.5798,
97.0460)**

Conversions

Conversions Part 1

Format	Color
Hex	8BABFB
RGB	139, 171, 251
RGB Percent	55%, 67%, 98%
CMY	0.4549, 0.3294, 0.0157
CMYK	0.45, 0.32, 0.00, 0.02
HSL	223°, 93%, 76%
HSV	223°, 45%, 98%
XYZ	42.6230, 41.5798, 97.0460
YIQ	170.5520, -44.7520, 18.0960

Conversions

Conversions Part 2

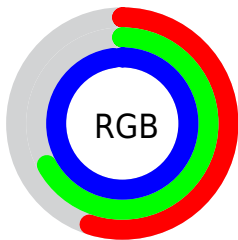
Format	Color
RYB	139, 164, 251
Decimal	9153531
CIELab	70.58, 9.52, -43.20
CIELCh	71, 44.233, 282.430
Yxy	41.5798, 0.2352, 0.2294
Android (android.graphics.Color)	4287343611 (0xFF8BABFB)
YUV	170.5520, 39.6609, -27.6711
Hunter-Lab	64.4824, 5.1447, -44.0938

Details

The XYZ color **42.6230, 41.5798, 97.0460** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **69.7771, 73.0387, 34.8484**, and the grayscale version is **38.3093, 40.3044, 43.8915**.

A 20% lighter version of the original color is **68.0113, 73.3485, 105.1808**, and **19.8141, 18.8825, 53.6393** is the 20% darker color. If you saturate the color by 10%, you get **35.7431, 33.3427, 95.8195**, and if you desaturate by 10%, it is **50.9272, 51.2346, 98.4727**.

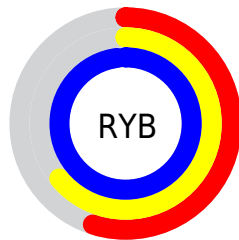
Distribution



Red (55%)

Green (67%)

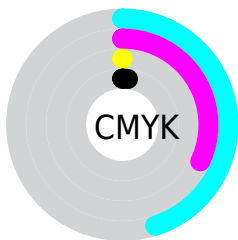
Blue (98%)



Red (55%)

Yellow (64%)

Blue (98%)

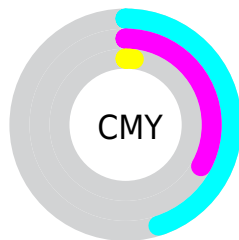


Cyan (45%)

Magenta (32%)

Yellow (0%)

Black (2%)



Cyan (45%)

Magenta (33%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.6230, 41.5798, 97.0460 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 42.6230, 41.5798, 97.0460 by changing the saturation by 10% instead.

■ 42.6230, 41.5798,
97.0460

■ 42.6230, 41.5798,
97.0460

348.0069,
352.7381, 571.8453

■ 29.7827, 28.7724,
73.2328

■ 78.4009, 77.5633,
159.1080

■ 19.8209, 18.9087,
53.6733

■ 102.0692,
101.5081, 198.1939

■ 12.3725, 11.6043,
37.9492

130.0775,
129.9343, 243.2077

■ 7.0719, 6.4749,
25.6417

162.7912,
163.2261, 294.5681

■ 3.5538, 3.1359,
16.3324

200.5756,
201.7680, 352.6935

■ 1.4529, 1.2031,
9.6028

243.7962,

■ 0.2935, 0.0642,

245.9444, 418.0024

5.0343

292.8181,
296.1396, 490.9135

■ 0.0000, 0.0000,
2.2083

■ 0.0000, 0.0000,
0.6791

■ 42.6230, 41.5798,
97.0460

■ 42.6230, 41.5798,
97.0460

■ 35.7431, 33.3427,
95.8195

■ 50.9272, 51.2346,
98.4727

■ 30.1981, 26.4476,
94.7809

■ 60.7291, 62.3683,
100.1051

■ 25.8944, 20.8181,
93.9211

■ 72.1020, 75.0440,
101.9523

■ 22.7236, 16.3668,
93.2290

■ 85.1129, 89.3194,
104.0220

■ 20.5553, 12.9927,
92.6920

94.4127, 99.7451,
105.5442

■ 19.7115, 11.5625,
92.4604

Harmonies

Analogous

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



35.4282, 41.5798, 95.5013



42.6230, 41.5798, 97.0460



49.7800, 41.5798, 81.9496

Triad

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



42.6230, 41.5798, 97.0460



50.8266, 41.5798, 23.1866



27.5800, 41.5798, 34.1786

Complementary

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



42.6230, 41.5798, 97.0460



69.7771, 73.0387, 34.8484

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.



30.7771, 41.5798, 21.5911



42.6230, 41.5798, 97.0460



43.9160, 41.5798, 16.7231

Square

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



42.6230, 41.5798, 97.0460



54.8934, 41.5798, 37.1513



36.5720, 41.5798, 16.2468



27.3242, 41.5798, 54.5005

Rectangle

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



42.6230, 41.5798, 97.0460



53.3320, 41.5798, 66.5718



36.5720, 41.5798, 16.2468



28.3264, 41.5798, 29.0841

Sweetspot

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



42.6245, 41.5813, 97.0470



76.7941, 80.0576, 106.0129



57.7226, 79.5151, 78.2260



15.8360, 16.4716, 22.5946



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.



42.6245, 41.5813, 97.0470



37.4228, 35.0153, 99.3940



41.4257, 33.0511, 95.4637



16.6869, 17.4506, 21.8741



10.4678, 6.2912, 48.6362



1.0558, 0.7552, 4.5333

Inverse Universe

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



56.3683, 41.9166, 43.6491



53.6915, 36.4747, 35.9482



71.3443, 87.4518, 37.5478



17.4485, 17.3068, 18.9515



21.5757, 11.0460, 4.4741



2.0418, 1.0405, 0.6436

Previews

White Background



This preview shows how the XYZ color 42.6230, 41.5798, 97.0460 looks on a white background.

Color Contrast Check

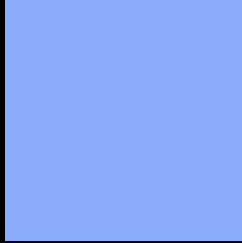
Large Text (above 18pt) WCAG AA × Fail

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 42.6230, 41.5798, 97.0460 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 42.6230, 41.5798, 97.0460

Background



This preview shows how black text looks on a background with the XYZ color 42.6230, 41.5798, 97.0460.



This preview shows how white text looks on a background with the XYZ color 42.6230, 41.5798,

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

42.6230, 41.5798, 97.0460

Protanopia

43.2973, 41.3891, 96.1494

Deuteranopia

42.7907, 41.6663, 97.0539



Tritanopia

35.0039, 41.7265, 58.4337

Trichromacy



Original Color

42.6230, 41.5798, 97.0460

Protanomaly

42.9577, 41.4912, 96.1870

Deuteranomaly

42.7907, 41.6663, 97.0539

Tritanomaly

37.3683, 41.4658, 70.9999

Monochromacy



Original Color

42.6230, 41.5798, 97.0460

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.2863, 40.6669, 60.4225

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.6230, 41.5798, 97.0460 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(139, 171, 251)` looks like.

```
.text, #text, p{  
    color:rgb(139, 171, 251)  
}
```

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(139, 171, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 171, 251) }
```

Border

The CSS property to change the border of an element to XYZ 42.6230, 41.5798, 97.0460 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(139, 171, 251) }
```


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

```
.border{ border-color:rgb(139, 171, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 171, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 171, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 171, 251);  
box-shadow:4px 4px 4px 4px rgb(139, 171,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 42.6230, 41.5798, 97.0460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 171, 251) }
```

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

```
.background{ background-color: rgb(139,  
171, 251) }
```

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