

Converting Colors

XYZ(42.0695, 40.6643,
100.2394)

Have a look what the booklet for
XYZ(42.0695, 40.6643, 100.2394)
contains.

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Color

**XYZ(42.0695, 40.6643,
100.2394)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 86A9FF |
| RGB | 134, 169, 255 |
| RGB Percent | 53%, 66%, 100% |
| CMY | 0.4745, 0.3372, 0.0000 |
| CMYK | 0.47, 0.34, 0.00, 0.00 |
| HSL | 223°, 100%, 76% |
| HSV | 223°, 47%, 100% |
| XYZ | 42.0695, 40.6643, 100.2394 |
| YIQ | 168.3390, -48.4660, 19.3260 |

Conversions

Conversions Part 2

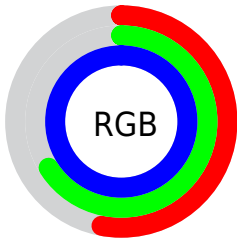
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 134, 161, 255 |
| Decimal | 8825343 |
| CIE _{Lab} | 69.94, 10.62, -46.39 |
| CIE _{LCh} | 70, 47.588, 282.891 |
| Yxy | 40.6643, 0.2299, 0.2222 |
| Android (android.graphics.Color) | 4287015423 (0xFF86A9FF) |
| YUV | 168.3390, 42.7239, -30.1153 |
| Hunter-Lab | 63.7686, 6.1653, -48.5614 |

Details

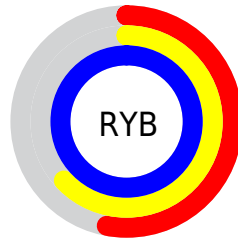
The XYZ color **42.0695, 40.6643, 100.2394** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **71.1374, 74.1693, 33.1230**, and the grayscale version is **37.2009, 39.1383, 42.6216**.

A 20% lighter version of the original color is **66.4439, 71.7378, 104.9526**, and **19.4560, 18.2957, 55.9321** is the 20% darker color. If you saturate the color by 10%, you get **35.3431, 32.5340, 99.0247**, and if you desaturate by 10%, it is **50.2458, 50.2372, 101.6563**.

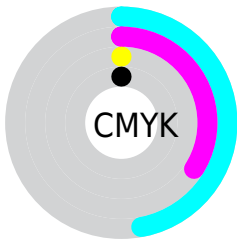
Distribution



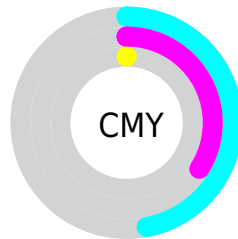
- Red (53%)
- Green (66%)
- Blue (100%)



- Red (53%)
- Yellow (63%)
- Blue (100%)



- Cyan (47%)
- Magenta (34%)
- Yellow (0%)
- Black (0%)



- Cyan (47%)
- Magenta (34%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.0695, 40.6643, 100.2394 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 42.0695, 40.6643, 100.2394 by changing the saturation by 10% instead.

■ 42.0695, 40.6643,
100.2394

■ 42.0695, 40.6643,
100.2394

345.7577,
348.9156, 582.2132

■ 29.3471, 28.0569,
75.8825

■ 77.5693, 76.1740,
163.5409

■ 19.4891, 18.3685,
55.8301

■ 101.0774, 99.8451,
203.3225

■ 12.1303, 11.2149,
39.6636

■ 128.9114,
127.9729, 249.0828

■ 6.9053, 6.2116,
26.9646

161.4367,
160.9417, 301.2403

■ 3.4488, 2.9742,
17.3144

199.0186,
199.1360, 360.2136

■ 1.3953, 1.1183,
10.2946

242.0225,

■ 0.2529, 0.0000,

242.9401, 426.4211

5.4866

290.8137,
292.7386, 500.2815

■ 0.0000, 0.0000,
2.4718

■ 0.0000, 0.0000,
0.8252

■ 42.0695, 40.6643,
100.2394

■ 42.0695, 40.6643,
100.2394

■ 35.3431, 32.5340,
99.0247

■ 50.2458, 50.2372,
101.6563

■ 29.9717, 25.7671,
98.0016

■ 59.9504, 61.3179,
103.2835

■ 25.8549, 20.2820,
97.1599

■ 71.2606, 73.9721,
105.1300

■ 22.8750, 15.9855,
96.4876

■ 84.2473, 88.2606,
107.2034

■ 20.8830, 12.7651,
95.9710

95.0500, 100.0000,
108.9000

■ 20.4826, 12.0853,
95.8609

Harmonies

Analogous

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



34.4315, 40.6643, 98.8447



42.0695, 40.6643, 100.2394



49.7006, 40.6643, 83.4629

Triad

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



42.0695, 40.6643, 100.2394



50.6230, 40.6643, 21.1259



26.0901, 40.6643, 32.8746

Complementary

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



42.0695, 40.6643, 100.2394



71.1374, 74.1693, 33.1230

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.



29.3727, 40.6643, 19.7989



42.0695, 40.6643, 100.2394



43.2001, 40.6643, 14.7388

Square

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



42.0695, 40.6643, 100.2394



55.0648, 40.6643, 35.4249



35.4214, 40.6643, 14.3519



25.8723, 40.6643, 54.4920

Rectangle

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



42.0695, 40.6643, 100.2394



53.4835, 40.6643, 66.7001



35.4214, 40.6643, 14.3519



26.8493, 40.6643, 27.5430

Sweetspot

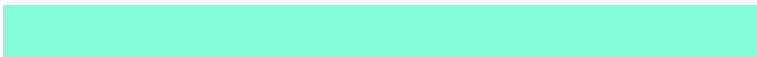
The Sweet Spot groups the original color and five complimentary colors.



42.0709, 40.6657, 100.2396



75.5466, 78.7124, 105.8190



58.3393, 81.6876, 79.5046



15.5911, 16.2080, 22.5567



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.



42.0709, 40.6657, 100.2396



35.6152, 32.8692, 99.0750



40.7167, 31.5616, 98.5537



17.4310, 18.2335, 22.8507



10.8129, 6.5353, 50.1261



1.1418, 0.8143, 4.9103

Inverse Universe

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



56.9275, 41.1764, 42.4848



52.4205, 34.5934, 33.4879



72.9543, 90.1972, 36.1210



18.2254, 18.0735, 19.8042



22.2460, 11.3877, 4.6801



2.2109, 1.1268, 0.6922

Previews

White Background



This preview shows how the XYZ color 42.0695, 40.6643, 100.2394 looks on a white background.

Color Contrast Check

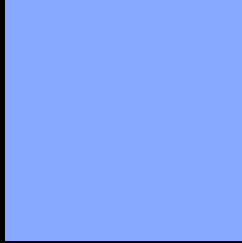
Large Text (above 18pt) WCAG AA × Fail

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 42.0695, 40.6643, 100.2394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

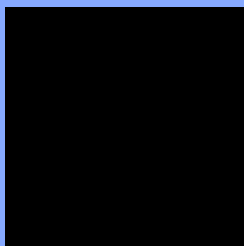
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

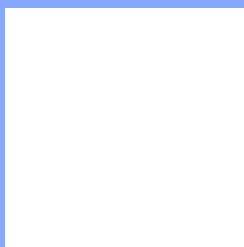
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.0695, 40.6643, 100.2394

Background



This preview shows how black text looks on a background with the XYZ color 42.0695, 40.6643, 100.2394.



This preview shows how white text looks on a background with the XYZ color 42.0695, 40.6643,

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

42.0695, 40.6643, 100.2394

Protanopia

42.6926, 40.4559, 99.3246

Deuteranopia

41.9404, 40.8750, 100.2869



Tritanopia

33.5767, 40.7009, 57.7161

Trichromacy



Original Color

42.0695, 40.6643, 100.2394

Protanomaly

42.3733, 40.5643, 99.3623

Deuteranomaly

42.0976, 40.9560, 100.2943

Tritanomaly

36.4149, 40.6650, 71.5755

Monochromacy



Original Color

42.0695, 40.6643, 100.2394

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

38.1383, 39.2433, 60.2082

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.0695, 40.6643, 100.2394 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(134, 169, 255)` looks like.

```
.text, #text, p{  
    color:rgb(134, 169, 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(134, 169, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 169, 255) }
```

Border

The CSS property to change the border of an element to XYZ 42.0695, 40.6643, 100.2394 is called "border". The border property can be set on classes, ids or directly on the HTML element.

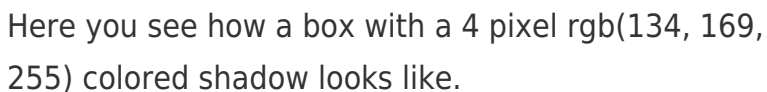
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(134, 169, 255) }
```


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

```
.border{ border-color:rgb(134, 169, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(134, 169, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(134, 169, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(134, 169, 255); box-shadow:4px 4px 4px 4px rgb(134, 169, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 42.0695, 40.6643, 100.2394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 169, 255) }
```

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

```
.background{ background-color: rgb(134,  
169, 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](#).

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