

Converting Colors

XYZ(52.6847, 53.6740, 98.9671)

Have a look what the booklet for
XYZ(52.6847, 53.6740, 98.9671)
contains.

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Color

**XYZ(52.6407, 53.7641,
98.8698)**

Conversions

Conversions Part 1

Format	Color
Hex	A7C2FB
RGB	167, 194, 251
RGB Percent	65%, 76%, 98%
CMY	0.3451, 0.2392, 0.0157
CMYK	0.33, 0.23, 0.00, 0.02
HSL	221°, 91%, 82%
HSV	221°, 33%, 98%
XYZ	52.6407, 53.7641, 98.8698
YIQ	192.4250, -34.3890, 12.0030

Conversions

Conversions Part 2

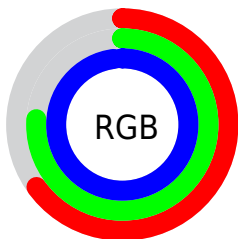
Format	Color
RYB	167, 187, 251
Decimal	10994427
CIELab	78.32, 4.04, -31.04
CIELCh	78, 31.306, 277.420
Yxy	53.7641, 0.2564, 0.2619
Android (android.graphics.Color)	4289184507 (0xFFA7C2FB)
YUV	192.4250, 28.8775, -22.2977
Hunter-Lab	73.3240, -0.1685, -28.6196

Details

The XYZ color **52.6407, 53.7641, 98.8698** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **73.4154, 76.6115, 47.4791**, and the grayscale version is **50.2035, 52.8180, 57.5188**.

A 20% lighter version of the original color is **82.9761, 91.4385, 107.8838**, and **25.9446, 26.3895, 54.7652** is the 20% darker color. If you saturate the color by 10%, you get **44.2681, 44.1405, 97.4545**, and if you desaturate by 10%, it is **62.4804, 64.7913, 100.4806**.

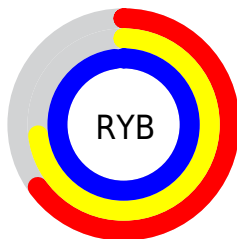
Distribution



Red (65%)

Green (76%)

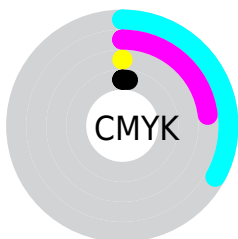
Blue (98%)



Red (65%)

Yellow (73%)

Blue (98%)

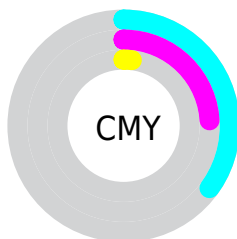


Cyan (33%)

Magenta (23%)

Yellow (0%)

Black (2%)



Cyan (35%)

Magenta (24%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.6407, 53.7641, 98.8698 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 52.6407, 53.7641, 98.8698 by changing the saturation by 10% instead.

■ 52.6407, 53.7641,
98.8698

■ 52.6407, 53.7641,
98.8698

387.1886,
401.2098, 577.7787

■ 37.7423, 38.4131,
74.7454

■ 93.2441, 95.7278,
161.6415

■ 25.9591, 26.3035,
54.9038

■ 119.6799,
123.1093, 201.1258

■ 16.9256, 17.0508,
38.9267

150.6921,
155.2697, 246.5672

■ 10.2764, 10.2707,
26.3953

186.6463,
192.5935, 298.3841

■ 5.6463, 5.5788,
16.8912

227.9076,
235.4650, 356.9952

■ 2.6698, 2.5907,
9.9958

274.8415,

■ 0.9817, 0.9220,

284.2686, 422.8190

5.2906

327.8134,
339.3887, 496.2740

■ 0.0000, 0.0000,
2.3571

■ 0.0000, 0.0000,
0.7629

■ 52.6407, 53.7641,
98.8698

■ 52.6407, 53.7641,
98.8698

■ 44.2681, 44.1405,
97.4545

■ 62.4804, 64.7913,
100.4806

■ 37.2828, 35.8541,
96.2232

■ 73.8507, 77.2721,
102.2904

■ 31.6054, 28.8424,
95.1691

■ 86.8177, 91.2612,
104.3071

■ 27.1454, 23.0344,
94.2831

■ 94.4128, 99.7451,
105.5443

■ 23.7994, 18.3509,
93.5554

■ 21.4443, 14.7006,
92.9750

■ 20.3316, 12.8027,
92.6673

Harmonies

Analogous

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



46.7012, 53.7641, 95.6318



52.6407, 53.7641, 98.8698



58.6148, 53.7641, 89.7034

Triad

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



52.6407, 53.7641, 98.8698



61.0612, 53.7641, 40.3067



40.9583, 53.7641, 46.4948

Complementary

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



52.6407, 53.7641, 98.8698



73.4154, 76.6115, 47.4791

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.



44.2587, 53.7641, 35.5862



52.6407, 53.7641, 98.8698



55.7691, 53.7641, 32.5445

Square

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



52.6407, 53.7641, 98.8698



63.7231, 53.7641, 54.2820



49.5919, 53.7641, 31.0085



40.2667, 53.7641, 63.0149

Rectangle

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



52.6407, 53.7641, 98.8698



61.7072, 53.7641, 78.6964



49.5919, 53.7641, 31.0085



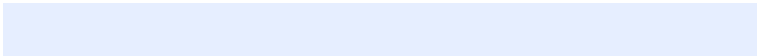
41.7859, 53.7641, 42.1575

Sweetspot

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



52.6425, 53.7662, 98.8711



81.0092, 84.9330, 106.7318



63.7542, 82.5388, 82.3848



16.9461, 17.7534, 22.7835



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.



52.6425, 53.7662, 98.8711



48.7009, 49.0203, 101.5028



50.2889, 44.4280, 97.1926



16.7385, 17.5538, 21.8913



10.8032, 6.9619, 48.7479



1.0921, 0.8279, 4.5454

Inverse Universe

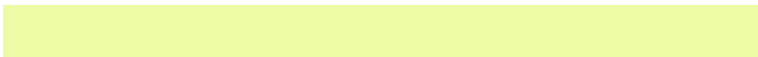
The Inverse Universe completely reimagines the original color for something new.



63.3415, 52.0434, 57.7480



61.4715, 47.5786, 52.2793



76.3985, 89.7900, 49.8655



17.4745, 17.3172, 19.0887



21.7450, 11.1137, 5.3654



2.0602, 1.0478, 0.7403

Previews

White Background



This preview shows how the XYZ color 52.6407, 53.7641, 98.8698 looks on a white background.

Color Contrast Check

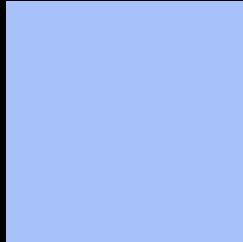
Large Text (above 18pt) WCAG AA × Fail

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 52.6407, 53.7641, 98.8698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

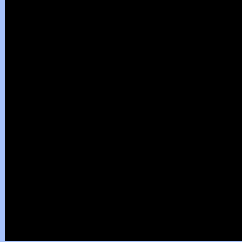
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.6407, 53.7641, 98.8698

Background



This preview shows how black text looks on a background with the XYZ color 52.6407, 53.7641, 98.8698.



This preview shows how white text looks on a background with the XYZ color 52.6407, 53.7641,

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

52.6407, 53.7641, 98.8698

Protanopia

54.0898, 53.5661, 97.1110

Deuteranopia

55.0402, 53.6789, 99.5556



Tritanopia

47.3470, 53.6373, 72.8233

Trichromacy



Original Color

52.6407, 53.7641, 98.8698

Protanomaly

53.5605, 53.6001, 97.9654

Deuteranomaly

54.1060, 53.5200, 99.5742

Tritanomaly

49.2372, 53.7267, 81.9040

Monochromacy



Original Color

52.6407, 53.7641, 98.8698

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.6086, 53.0113, 70.5156

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6407, 53.7641, 98.8698 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(167, 194, 251)` looks like.

```
.text, #text, p{  
    color:rgb(167, 194, 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(167, 194, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 194, 251) }
```

Border

The CSS property to change the border of an element to XYZ 52.6407, 53.7641, 98.8698 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(167, 194, 251) }
```


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

```
.border{ border-color:rgb(167, 194, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 194, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 194, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 194, 251);  
box-shadow:4px 4px 4px 4px rgb(167, 194,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6407, 53.7641, 98.8698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 194, 251) }
```

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

```
.background{ background-color: rgb(167,  
194, 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](#).

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