

Converting Colors

XYZ(52.2307, 54.0897,
102.2952)

Have a look what the booklet for
XYZ(52.2307, 54.0897, 102.2952)
contains.

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Color

**XYZ(52.2871, 54.1734,
102.3084)**

Conversions

Conversions Part 1

Format	Color
Hex	A0C4FF
RGB	160, 196, 255
RGB Percent	63%, 77%, 100%
CMY	0.3725, 0.2314, 0.0000
CMYK	0.37, 0.23, 0.00, 0.00
HSL	217°, 100%, 81%
HSV	217°, 37%, 100%
XYZ	52.2871, 54.1734, 102.3084
YIQ	191.9620, -40.3950, 10.7170

Conversions

Conversions Part 2

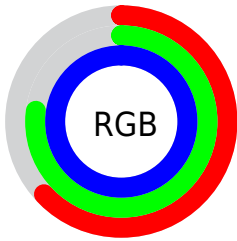
Format	Color
RYB	160, 186, 255
Decimal	10536191
CIELab	78.56, 2.09, -32.85
CIElCh	79, 32.918, 273.644
Yxy	54.1734, 0.2505, 0.2595
Android (android.graphics.Color)	4288726271 (0xFFA0C4FF)
YUV	191.9620, 31.0777, -28.0307
Hunter-Lab	73.6026, -1.9985, -30.8919

Details

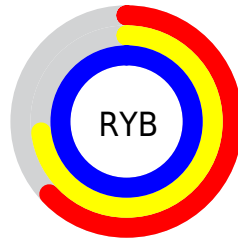
The XYZ color **52.2871, 54.1734, 102.3084** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **72.9172, 74.4616, 43.7890**, and the grayscale version is **49.9234, 52.5234, 57.1979**.

A 20% lighter version of the original color is **81.4757, 91.5925, 107.9926**, and **25.6917, 26.4265, 57.1728** is the 20% darker color. If you saturate the color by 10%, you get **44.3170, 45.0398, 100.9655**, and if you desaturate by 10%, it is **61.6829, 64.6041, 103.8265**.

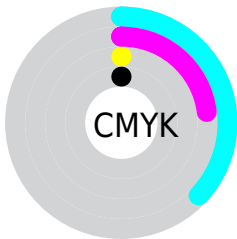
Distribution



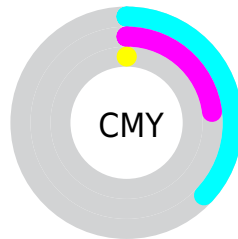
- Red (63%)
- Green (77%)
- Blue (100%)



- Red (63%)
- Yellow (73%)
- Blue (100%)



- Cyan (37%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)



- Cyan (37%)
- Magenta (23%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.2871, 54.1734, 102.3084 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 52.2871, 54.1734, 102.3084 by changing the saturation by 10% instead.

■ 52.2871, 54.1734,
102.3084

■ 52.2871, 54.1734,
102.3084

385.8498,
402.7709, 588.8783

■ 37.4592, 38.7403,
77.6022

■ 92.7262, 96.3288,
166.4053

■ 25.7385, 26.5578,
57.2327

■ 119.0681,
123.8199, 206.6331

■ 16.7598, 17.2414,
40.7815

149.9788,
156.0991, 252.8718

■ 10.1576, 10.4067,
27.8300

185.8234,
193.5509, 305.5400

■ 5.5666, 5.6695,
17.9596

226.9675,
236.5595, 365.0562

■ 2.6215, 2.6451,
10.7519

273.7763,

■ 0.9569, 0.9494,

285.5095, 431.8390

5.7882

326.6153,
340.7851, 506.3068

■ 0.0000, 0.0000,
2.6500

■ 0.0000, 0.0000,
0.9181

■ 52.2871, 54.1734,
102.3084

■ 52.2871, 54.1734,
102.3084

■ 44.3170, 45.0398,
100.9655

■ 61.6829, 64.6041,
103.8265

■ 37.6918, 37.1407,
99.7900

■ 72.5697, 76.3785,
105.5254

■ 32.3294, 30.4170,
98.7749

■ 85.0141, 89.5481,
107.4115

■ 28.1358, 24.8009,
97.9119

95.0500, 100.0000,
108.9000

■ 25.0018, 20.2160,
97.1921

■ 22.7898, 16.5694,
96.6048

■ 22.2909, 15.7019,
96.4636

Harmonies

Analogous

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



46.1480, 54.1734, 97.1409



52.2871, 54.1734, 102.3084



58.7157, 54.1734, 94.0086

Triad

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



52.2871, 54.1734, 102.3084



62.5897, 54.1734, 41.3229



41.1012, 54.1734, 44.5034

Complementary

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



52.2871, 54.1734, 102.3084



72.9172, 74.4616, 43.7890

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.



44.8832, 54.1734, 33.9614



52.2871, 54.1734, 102.3084



57.2295, 54.1734, 32.4140

Square

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



52.2871, 54.1734, 102.3084



64.9706, 54.1734, 56.7440



50.7014, 54.1734, 30.0317



40.0167, 54.1734, 61.2855

Rectangle

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



52.2871, 54.1734, 102.3084



62.2047, 54.1734, 82.8014



50.7014, 54.1734, 30.0317



42.0826, 54.1734, 40.2397

Sweetspot

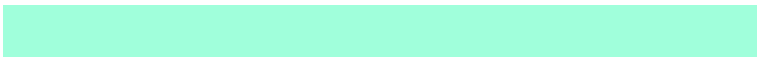
The Sweet Spot groups the original color and five complimentary colors.



52.2887, 54.1754, 102.3087



80.1651, 84.4474, 106.6826



62.9896, 84.0866, 79.6421



16.7949, 17.6907, 22.7794



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.



52.2887, 54.1754, 102.3087



45.9929, 46.9883, 101.2533



47.4351, 41.0307, 100.0274



17.5671, 18.5058, 22.8960



11.7797, 8.4690, 50.4484



1.2482, 1.0271, 4.9457

Inverse Universe

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



63.7757, 50.3887, 58.5912



59.2787, 43.5389, 50.4815



79.3850, 93.2765, 47.0797



18.2941, 18.1010, 20.1661



22.7341, 11.5829, 7.2500



2.2647, 1.1482, 0.9751

Previews

White Background



This preview shows how the XYZ color 52.2871, 54.1734, 102.3084 looks on a white background.

Color Contrast Check

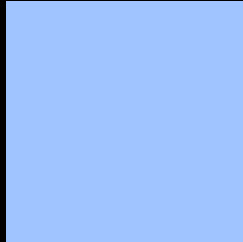
Large Text (above 18pt) WCAG AA × Fail

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 52.2871, 54.1734, 102.3084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

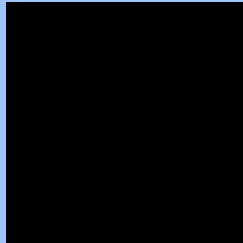
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

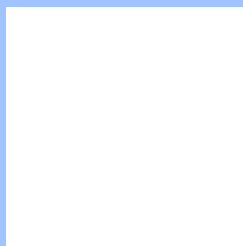
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.2871, 54.1734, 102.3084

Background



This preview shows how black text looks on a background with the XYZ color 52.2871, 54.1734, 102.3084.



This preview shows how white text looks on a background with the XYZ color 52.2871, 54.1734,

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

52.2871, 54.1734, 102.3084

Protanopia

54.7804, 54.1925, 99.6684

Deuteranopia

55.2712, 54.0653, 102.1303



Tritanopia

46.9046, 54.4057, 75.0470

Trichromacy



Original Color

52.2871, 54.1734, 102.3084

Protanomaly

53.5942, 53.8897, 100.5055

Deuteranomaly

54.1332, 54.1306, 102.2029

Tritanomaly

48.5462, 54.0048, 84.2092

Monochromacy



Original Color

52.2871, 54.1734, 102.3084

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.1581, 52.7495, 71.8280

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.2871, 54.1734, 102.3084 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(160, 196, 255)` looks like.

```
.text, #text, p{  
    color:rgb(160, 196, 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(160, 196, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 196, 255) }
```

Border

The CSS property to change the border of an element to XYZ 52.2871, 54.1734, 102.3084 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(160, 196, 255) }
```


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

```
.border{ border-color:rgb(160, 196, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 196, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 196, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 196, 255);  
box-shadow:4px 4px 4px 4px rgb(160, 196,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 52.2871, 54.1734, 102.3084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 196, 255) }
```

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

```
.background{ background-color: rgb(160,  
196, 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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