

Converting Colors

XYZ(53.3576, 54.0824,
114.8094)

Have a look what the booklet for
XYZ(53.3576, 54.0824, 114.8094)
contains.

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Color

**XYZ(50.8915, 53.1202,
102.1787)**

Conversions

Conversions Part 1

Format	Color
Hex	9AC3FF
RGB	154, 195, 255
RGB Percent	60%, 76%, 100%
CMY	0.3961, 0.2353, 0.0000
CMYK	0.40, 0.24, 0.00, 0.00
HSL	216°, 100%, 80%
HSV	216°, 40%, 100%
XYZ	50.8915, 53.1202, 102.1787
YIQ	189.5810, -43.6960, 9.9680

Conversions

Conversions Part 2

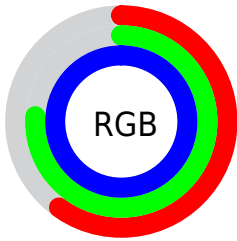
Format	Color
RYB	154, 183, 255
Decimal	10142719
CIELab	77.95, 1.07, -33.83
CIElCh	78, 33.849, 271.816
Yxy	53.1202, 0.2468, 0.2576
Android (android.graphics.Color)	4288332799 (0xFF9AC3FF)
YUV	189.5810, 32.2516, -31.2045
Hunter-Lab	72.8836, -2.9074, -32.1027

Details

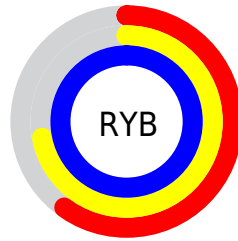
The XYZ color **50.8915, 53.1202, 102.1787** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **71.1199, 71.6869, 40.6623**, and the grayscale version is **48.5427, 51.0707, 55.6160**.

A 20% lighter version of the original color is **79.4111, 90.0632, 107.8063**, and **24.9030, 26.0199, 57.1359** is the 20% darker color. If you saturate the color by 10%, you get **43.3201, 44.4324, 100.9008**, and if you desaturate by 10%, it is **59.8412, 63.0320, 103.6202**.

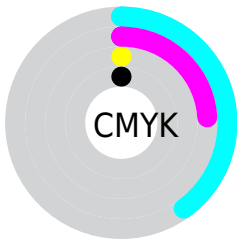
Distribution



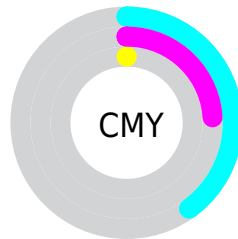
- Red (60%)
- Green (76%)
- Blue (100%)



- Red (60%)
- Yellow (72%)
- Blue (100%)



- Cyan (40%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (40%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.8915, 53.1202, 102.1787 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 50.8915, 53.1202, 102.1787 by changing the saturation by 10% instead.

■ 50.8915, 53.1202,
102.1787

■ 50.8915, 53.1202,
102.1787

380.5367,
398.7461, 588.4617

■ 36.3430, 37.8987,
77.4943

■ 90.6783, 94.7812,
166.2259

■ 24.8705, 25.9041,
57.1447

■ 116.6473,
121.9896, 206.4258

■ 16.1088, 16.7519,
40.7113

147.1538,
153.9623, 252.6347

■ 9.6925, 10.0578,
27.7756

182.5632,
191.0839, 305.2710

■ 5.2563, 5.4373,
17.9190

223.2408,
233.7386, 364.7533

■ 2.4347, 2.5060,
10.7230

269.5521,

■ 0.8624, 0.8797,

282.3110, 431.5002

5.7691

321.8622,
337.1854, 505.9301

■ 0.0000, 0.0000,
2.6387

■ 0.0000, 0.0000,
0.9123

■ 50.8915, 53.1202,
102.1787

■ 50.8915, 53.1202,
102.1787

■ 43.3201, 44.4324,
100.9008

■ 59.8412, 63.0320,
103.6202

■ 37.0463, 36.9084,
99.7792

■ 70.2344, 74.2125,
105.2304

■ 31.9874, 30.4908,
98.8071

■ 82.1375, 86.7110,
107.0155

■ 28.0483, 25.1139,
97.9769

■ 95.0500, 100.0000,
108.9000

■ 25.1170, 20.7023,
97.2799

■ 23.0243, 17.1499,
96.7045

■ 22.9518, 17.0236,
96.6839

Harmonies

Analogous

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



44.7422, 53.1202, 96.0494



50.8915, 53.1202, 102.1787



57.4626, 53.1202, 94.4468

Triad

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



50.8915, 53.1202, 102.1787



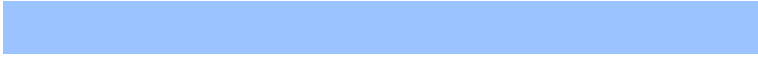
62.0303, 53.1202, 40.7510



40.1311, 53.1202, 42.3475

Complementary

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



50.8915, 53.1202, 102.1787



71.1199, 71.6869, 40.6623

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.



44.1040, 53.1202, 32.1741



50.8915, 53.1202, 102.1787



56.7083, 53.1202, 31.4030

Square

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



50.8915, 53.1202, 102.1787



64.2308, 53.1202, 56.6972



50.0889, 53.1202, 28.6392



38.8621, 53.1202, 58.9957

Rectangle

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



50.8915, 53.1202, 102.1787



61.1095, 53.1202, 83.2754



50.0889, 53.1202, 28.6392



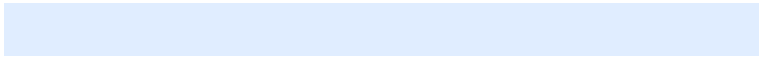
41.1766, 53.1202, 38.1940

Sweetspot

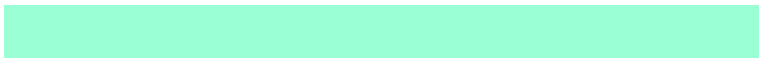
The Sweet Spot groups the original color and five complimentary colors.



50.8931, 53.1221, 102.1790



79.1473, 83.5966, 106.5720



61.0871, 83.1904, 75.7343



16.5996, 17.5364, 22.7599



0.0000, 0.0000, 0.0000



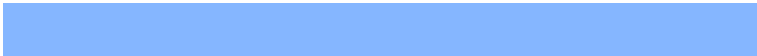
20.3446, 21.4041, 23.3091

Same Dimension

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



50.8931, 53.1221, 102.1790



44.4468, 45.7480, 101.0954



44.5922, 38.0581, 99.6034



17.6084, 18.5884, 22.9098



12.1302, 9.1700, 50.5652



1.2850, 1.1008, 4.9580

Inverse Universe

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



62.6470, 48.3129, 57.6552



58.0462, 41.3151, 49.3274



79.8042, 93.5518, 44.4249



18.3150, 18.1093, 20.2759



22.9110, 11.6537, 8.1816



2.2832, 1.1557, 1.0729

Previews

White Background



This preview shows how the XYZ color 50.8915, 53.1202, 102.1787 looks on a white background.

Color Contrast Check

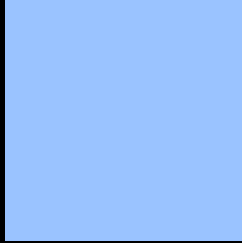
Large Text (above 18pt) WCAG AA × Fail

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 50.8915, 53.1202, 102.1787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

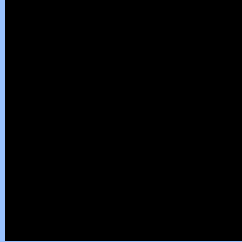
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

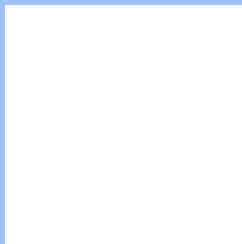
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.8915, 53.1202, 102.1787

Background



This preview shows how black text looks on a background with the XYZ color 50.8915, 53.1202, 102.1787.



This preview shows how white text looks on a background with the XYZ color 50.8915, 53.1202,

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

50.8915, 53.1202, 102.1787

Protanopia

53.7305, 53.0221, 98.6692

Deuteranopia

54.1521, 52.8453, 101.9538



Tritanopia

45.2770, 53.2323, 74.2182

Trichromacy



Original Color

50.8915, 53.1202, 102.1787

Protanomaly

52.5688, 53.0524, 99.5649

Deuteranomaly

52.8293, 52.8064, 102.0160

Tritanomaly

47.0600, 52.9123, 83.3341

Monochromacy



Original Color

50.8915, 53.1202, 102.1787

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

49.1187, 51.9014, 71.0475

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.8915, 53.1202, 102.1787 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(154, 195, 255)` looks like.

```
.text, #text, p{  
    color:rgb(154, 195, 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(154, 195, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 195, 255) }
```

Border

The CSS property to change the border of an element to XYZ 50.8915, 53.1202, 102.1787 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(154, 195, 255) }
```


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

```
.border{ border-color:rgb(154, 195, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 195, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 195, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 195, 255);  
box-shadow:4px 4px 4px 4px rgb(154, 195,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 50.8915, 53.1202, 102.1787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 195, 255) }
```

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

```
.background{ background-color: rgb(154,  
195, 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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