

Converting Colors

XYZ(54.9563, 55.5643,
109.4739)

Have a look what the booklet for
XYZ(54.9563, 55.5643, 109.4739)
contains.

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Color

**XYZ(53.7421, 55.2595,
102.4414)**

Conversions

Conversions Part 1

Format	Color
Hex	A6C5FF
RGB	166, 197, 255
RGB Percent	65%, 77%, 100%
CMY	0.3490, 0.2274, 0.0000
CMYK	0.35, 0.23, 0.00, 0.00
HSL	219°, 100%, 83%
HSV	219°, 35%, 100%
XYZ	53.7421, 55.2595, 102.4414
YIQ	194.3430, -37.0940, 11.4660

Conversions

Conversions Part 2

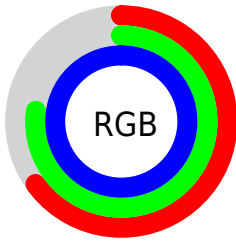
Format	Color
RYB	166, 189, 255
Decimal	10929663
CIELab	79.19, 3.15, -31.85
CIELCh	79, 32.009, 275.650
Yxy	55.2595, 0.2542, 0.2613
Android (android.graphics.Color)	4289119743 (0xFFA6C5FF)
YUV	194.3430, 29.9039, -24.8568
Hunter-Lab	74.3367, -1.0418, -29.6702

Details

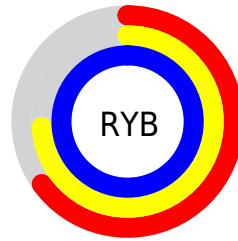
The XYZ color **53.7421, 55.2595, 102.4414** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **74.7789, 77.3246, 47.0620**, and the grayscale version is **51.3268, 53.9998, 58.8058**.

A 20% lighter version of the original color is **83.9232, 93.7916, 108.2881**, and **26.5710, 27.1016, 57.2568** is the 20% darker color. If you saturate the color by 10%, you get **45.3496, 45.6379, 101.0266**, and if you desaturate by 10%, it is **63.6136, 66.2634, 104.0451**.

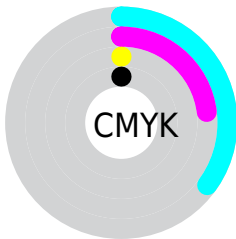
Distribution



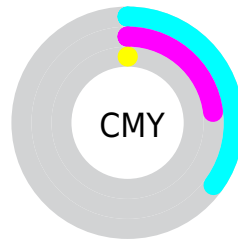
- Red (65%)
- Green (77%)
- Blue (100%)



- Red (65%)
- Yellow (74%)
- Blue (100%)



- Cyan (35%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)



- Cyan (35%)
- Magenta (23%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.7421, 55.2595, 102.4414 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 53.7421, 55.2595, 102.4414 by changing the saturation by 10% instead.

■ 53.7421, 55.2595,
102.4414

■ 53.7421, 55.2595,
102.4414

391.3402,
406.8949, 589.3054

■ 38.6254, 39.6095,
77.7128

■ 94.8546, 97.9211,
166.5893

■ 26.6478, 27.2342,
57.3230

■ 121.5810,
125.7014, 206.8456

■ 17.4441, 17.7492,
40.8536

152.9081,
158.2941, 253.1149

■ 10.6489, 10.7701,
27.8858

189.2012,
196.0833, 305.8158

■ 5.8968, 5.9125,
18.0013

230.8255,
239.4537, 365.3667

■ 2.8225, 2.7919,
10.7815

278.1466,

■ 1.0606, 1.0241,

288.7894, 432.1863

5.8078

331.5297,
344.4750, 506.6930

■ 0.0000, 0.0000,
2.6617

■ 0.0000, 0.0000,
0.9240

■ 53.7421, 55.2595,
102.4414

■ 53.7421, 55.2595,
102.4414

■ 45.3496, 45.6379,
101.0266

■ 63.6136, 66.2634,
104.0451

■ 38.3548, 37.3332,
99.7923

■ 75.0297, 78.6990,
105.8437

■ 32.6755, 30.2832,
98.7308

■ 88.0580, 92.6203,
107.8441

■ 28.2183, 24.4176,
97.8335

95.0500, 100.0000,
108.9000

■ 24.8758, 19.6573,
97.0909

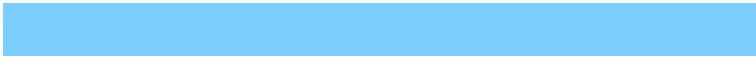
■ 22.5183, 15.9102,
96.4919

■ 21.6077, 14.3355,
96.2359

Harmonies

Analogous

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



47.6155, 55.2595, 98.2778



53.7421, 55.2595, 102.4414



60.0177, 55.2595, 93.5484

Triad

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



53.7421, 55.2595, 102.4414



63.1578, 55.2595, 41.8936



42.1006, 55.2595, 46.7891

Complementary

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



53.7421, 55.2595, 102.4414



74.7789, 77.3246, 47.0620

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.



45.6788, 55.2595, 35.8554



53.7421, 55.2595, 102.4414



57.7555, 55.2595, 33.4565

Square

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



53.7421, 55.2595, 102.4414



65.7295, 55.2595, 56.7682



51.3215, 55.2595, 31.4942



41.2149, 55.2595, 63.7013

Rectangle

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



53.7421, 55.2595, 102.4414



63.3390, 55.2595, 82.2984



51.3215, 55.2595, 31.4942



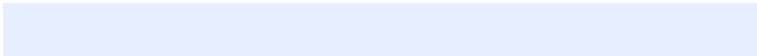
43.0133, 55.2595, 42.4100

Sweetspot

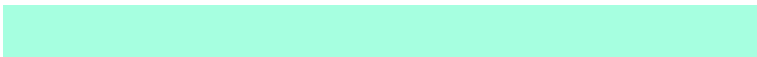
The Sweet Spot groups the original color and five complimentary colors.



53.7437, 55.2616, 102.4417



81.2089, 85.3324, 106.7984



64.9210, 85.0011, 83.4005



16.9942, 17.8496, 22.7996



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.



53.7437, 55.2616, 102.4417



47.6368, 48.2908, 101.4181



50.3590, 44.1196, 100.4695



17.5204, 18.4125, 22.8805



11.4160, 7.7416, 50.3272



1.2092, 0.9490, 4.9327

Inverse Universe

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



64.9553, 52.5652, 59.5481



60.5930, 45.9199, 51.6829



79.1414, 93.0888, 49.8749



18.2706, 18.0915, 20.0421



22.5505, 11.5095, 6.2833



2.2449, 1.1404, 0.8713

Previews

White Background



This preview shows how the XYZ color 53.7421, 55.2595, 102.4414 looks on a white background.

Color Contrast Check

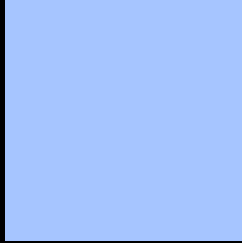
Large Text (above 18pt) WCAG AA × Fail

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 53.7421, 55.2595, 102.4414 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

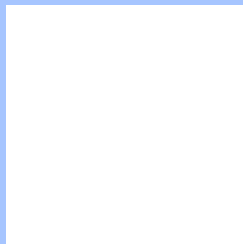
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.7421, 55.2595, 102.4414

Background



This preview shows how black text looks on a background with the XYZ color 53.7421, 55.2595, 102.4414.



This preview shows how white text looks on a background with the XYZ color 53.7421, 55.2595,

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

53.7421, 55.2595, 102.4414

Protanopia

55.4630, 54.8715, 99.7635

Deuteranopia

56.4114, 55.3050, 102.3095



Tritanopia

48.3748, 55.1483, 75.8052

Trichromacy



Original Color

53.7421, 55.2595, 102.4414

Protanomaly

54.7006, 54.7894, 100.6209

Deuteranomaly

55.2463, 55.0337, 102.3185

Tritanomaly

50.2926, 55.2335, 85.1012

Monochromacy



Original Color

53.7421, 55.2595, 102.4414

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.6769, 54.1784, 72.6996

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7421, 55.2595, 102.4414 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(166, 197, 255)` looks like.

```
.text, #text, p{  
    color:rgb(166, 197, 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(166, 197, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 197, 255) }
```

Border

The CSS property to change the border of an element to XYZ 53.7421, 55.2595, 102.4414 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(166, 197, 255) }
```


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

```
.border{ border-color:rgb(166, 197, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 197, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 197, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 197, 255);  
box-shadow:4px 4px 4px 4px rgb(166, 197,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7421, 55.2595, 102.4414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 197, 255) }
```

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

```
.background{ background-color: rgb(166,  
197, 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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