

Converting Colors

XYZ(52.4925, 55.2629,
102.5079)

Have a look what the booklet for
XYZ(52.4925, 55.2629, 102.5079)
contains.

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Color

**XYZ(52.5740, 55.3359,
102.5177)**

Conversions

Conversions Part 1

Format	Color
Hex	9EC7FF
RGB	158, 199, 255
RGB Percent	62%, 78%, 100%
CMY	0.3804, 0.2196, 0.0000
CMYK	0.38, 0.22, 0.00, 0.00
HSL	215°, 100%, 81%
HSV	215°, 38%, 100%
XYZ	52.5740, 55.3359, 102.5177
YIQ	193.1250, -42.4120, 8.7240

Conversions

Conversions Part 2

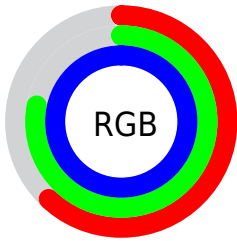
Format	Color
R_{YB}	158, 187, 255
Decimal	10405887
CIE Lab	79.23, -0.05, -31.83
CIE LCh	79, 31.827, 269.901
Yxy	55.3359, 0.2498, 0.2630
Android (android.graphics.Color)	4288595967 (0xFF9EC7FF)
YUV	193.1250, 30.5044, -30.8046
Hunter-Lab	74.3881, -4.0238, -29.6386

Details

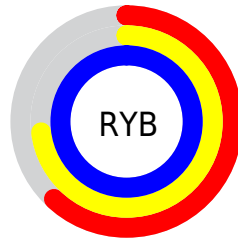
The XYZ color **52.5740, 55.3359, 102.5177** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **71.4588, 71.8226, 42.4467**, and the grayscale version is **50.6077, 53.2432, 57.9818**.

A 20% lighter version of the original color is **81.8343, 93.1871, 108.2815**, and **25.9120, 27.2116, 57.3127** is the 20% darker color. If you saturate the color by 10%, you get **44.8439, 46.5645, 101.2321**, and if you desaturate by 10%, it is **61.6757, 65.3032, 103.9619**.

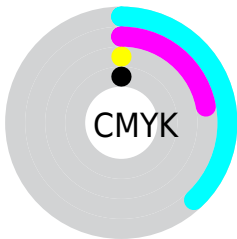
Distribution



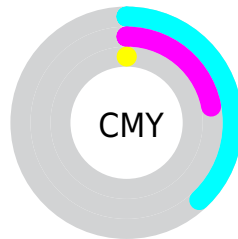
- Red (62%)
- Green (78%)
- Blue (100%)



- Red (62%)
- Yellow (73%)
- Blue (100%)



- Cyan (38%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (38%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.5740, 55.3359, 102.5177 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 52.5740, 55.3359, 102.5177 by changing the saturation by 10% instead.

■ 52.5740, 55.3359,
102.5177

■ 52.5740, 55.3359,
102.5177

386.9362,
407.1839, 589.5503

■ 37.6889, 39.6707,
77.7763

■ 93.1464, 98.0329,
166.6948

■ 25.9175, 27.2819,
57.3749

■ 119.5645,
125.8336, 206.9675

■ 16.8943, 17.7851,
40.8949

150.5576,
158.4481, 253.2544

■ 10.2540, 10.7958,
27.9179

186.4911,
196.2611, 305.9740

■ 5.6312, 5.9297,
18.0253

227.7304,
239.6567, 365.5448

■ 2.6607, 2.8024,
10.7985

274.6408,

■ 0.9770, 1.0294,

289.0195, 432.3855

5.8190

327.5876,
344.7337, 506.9145

■ 0.0000, 0.0000,
2.6684

■ 0.0000, 0.0000,
0.9274

■ 52.5740, 55.3359,
102.5177

■ 52.5740, 55.3359,
102.5177

■ 44.8439, 46.5645,
101.2321

■ 61.6757, 65.3032,
103.9619

■ 38.4064, 38.9310,
100.0979

■ 72.2121, 76.5086,
105.5694

■ 33.1813, 32.3808,
99.1090

■ 84.2484, 88.9996,
107.3460

■ 29.0764, 26.8514,
98.2581

95.0500, 100.0000,
108.9000

■ 25.9841, 22.2714,
97.5370

■ 23.7616, 18.5503,
96.9359

■ 23.3899, 17.8999,
96.8300

Harmonies

Analogous

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



46.6955, 55.3359, 95.9309



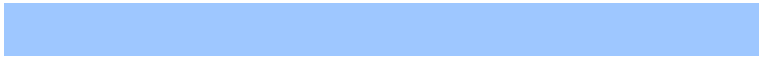
52.5740, 55.3359, 102.5177



58.9324, 55.3359, 96.0134

Triad

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



52.5740, 55.3359, 102.5177



63.9291, 55.3359, 44.4189



42.7051, 55.3359, 44.3335

Complementary

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



52.5740, 55.3359, 102.5177



71.4588, 71.8226, 42.4467

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.



46.7292, 55.3359, 34.6965



52.5740, 55.3359, 102.5177



58.9719, 55.3359, 34.7384

Square

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



52.5740, 55.3359, 102.5177



65.8018, 55.3359, 60.3119



52.6162, 55.3359, 31.5675



41.2855, 55.3359, 60.1909

Rectangle

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



52.5740, 55.3359, 102.5177



62.5190, 55.3359, 85.7534



52.6162, 55.3359, 31.5675



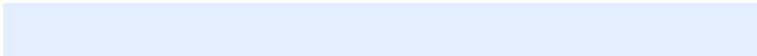
43.7812, 55.3359, 40.3844

Sweetspot

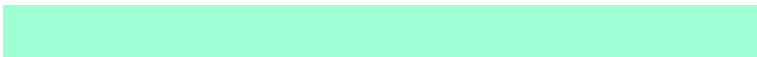
The Sweet Spot groups the original color and five complimentary colors.



52.5756, 55.3379, 102.5180



80.5226, 85.1625, 106.8017



61.8677, 83.5921, 75.8040



16.8799, 17.8607, 22.8077



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.



52.5756, 55.3379, 102.5180



46.3117, 48.2578, 101.4815



45.6849, 39.6180, 99.8469



17.6341, 18.6398, 22.9184



12.3620, 9.6336, 50.6425



1.3090, 1.1487, 4.9660

Inverse Universe

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



63.7768, 49.8390, 60.2933



59.2853, 42.9509, 52.3374



80.8328, 94.0429, 46.2416



18.3279, 18.1145, 20.3441



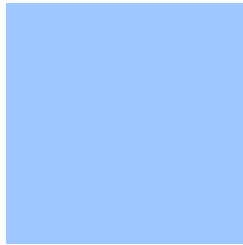
23.0280, 11.7005, 8.7977



2.2953, 1.1605, 1.1367

Previews

White Background



This preview shows how the XYZ color 52.5740, 55.3359, 102.5177 looks on a white background.

Color Contrast Check

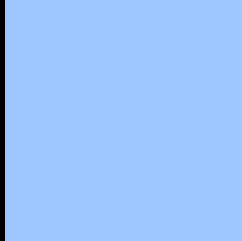
Large Text (above 18pt) WCAG AA × Fail

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 52.5740, 55.3359, 102.5177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

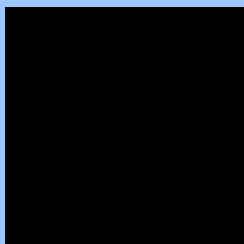
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

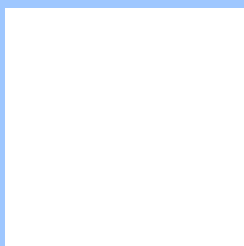
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.5740, 55.3359, 102.5177

Background



This preview shows how black text looks on a background with the XYZ color 52.5740, 55.3359, 102.5177.



This preview shows how white text looks on a background with the XYZ color 52.5740, 55.3359,

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

52.5740, 55.3359, 102.5177

Protanopia

55.7604, 55.3724, 99.0158

Deuteranopia

56.4114, 55.3050, 102.3095



Tritanopia

47.4601, 55.3671, 76.5921

Trichromacy



Original Color

52.5740, 55.3359, 102.5177

Protanomaly

54.5442, 55.3924, 99.9125

Deuteranomaly

54.7987, 55.1345, 102.3616

Tritanomaly

49.2008, 55.3674, 85.1846

Monochromacy



Original Color

52.5740, 55.3359, 102.5177

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.7322, 53.6914, 72.6553

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5740, 55.3359, 102.5177 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(158, 199, 255)` looks like.

```
.text, #text, p{  
    color:rgb(158, 199, 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(158, 199, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 199, 255) }
```

Border

The CSS property to change the border of an element to XYZ 52.5740, 55.3359, 102.5177 is called "border". The border property can be set on classes, ids or directly on the HTML element.

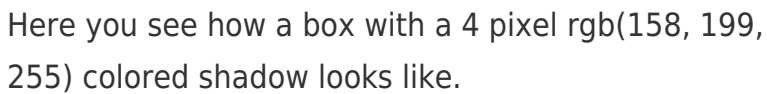
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(158, 199, 255) }
```


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

```
.border{ border-color:rgb(158, 199, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(158, 199, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 199, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 199, 255);  
box-shadow:4px 4px 4px 4px rgb(158, 199,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5740, 55.3359, 102.5177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 199, 255) }
```

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

```
.background{ background-color: rgb(158,  
199, 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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