

Converting Colors

XYZ(53.6335, 55.9650,
102.5833)

Have a look what the booklet for
XYZ(53.6335, 55.9650, 102.5833)
contains.

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Color

**XYZ(53.5777, 55.8534,
102.5647)**

Conversions

Conversions Part 1

Format	Color
Hex	A3C7FF
RGB	163, 199, 255
RGB Percent	64%, 78%, 100%
CMY	0.3608, 0.2196, 0.0000
CMYK	0.36, 0.22, 0.00, 0.00
HSL	217°, 100%, 82%
HSV	217°, 36%, 100%
XYZ	53.5777, 55.8534, 102.5647
YIQ	194.6200, -39.4320, 9.7840

Conversions

Conversions Part 2

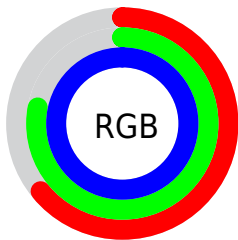
Format	Color
RYB	163, 189, 255
Decimal	10733567
CIELab	79.53, 1.26, -31.35
CIELCh	80, 31.372, 272.311
Yxy	55.8534, 0.2527, 0.2635
Android (android.graphics.Color)	4288923647 (0xFFA3C7FF)
YUV	194.6200, 29.7673, -27.7307
Hunter-Lab	74.7351, -2.8196, -29.0536

Details

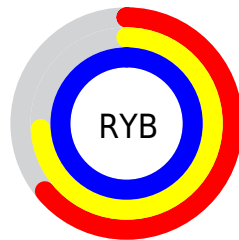
The XYZ color **53.5777, 55.8534, 102.5647** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **73.1829, 74.5678, 45.1881**, and the grayscale version is **51.4927, 54.1744, 58.9959**.

A 20% lighter version of the original color is **83.3252, 93.9556, 108.3513**, and **26.5028, 27.5162, 57.3404** is the 20% darker color. If you saturate the color by 10%, you get **45.4825, 46.6473, 101.2144**, and if you desaturate by 10%, it is **63.0931, 66.3348, 104.0863**.

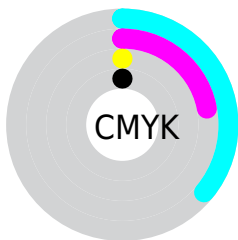
Distribution



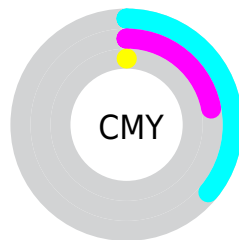
- Red (64%)
- Green (78%)
- Blue (100%)



- Red (64%)
- Yellow (74%)
- Blue (100%)



- Cyan (36%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (36%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.5777, 55.8534, 102.5647 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 53.5777, 55.8534, 102.5647 by changing the saturation by 10% instead.

■ 53.5777, 55.8534,
102.5647

■ 53.5777, 55.8534,
102.5647

390.7223,
409.1388, 589.7012

■ 38.4935, 40.0854,
77.8154

■ 94.6144, 98.7902,
166.7597

■ 26.5449, 27.6051,
57.4068

■ 121.2977,
126.7278, 207.0425

■ 17.3665, 18.0282,
40.9204

152.5779,
159.4907, 253.3402

■ 10.5931, 10.9702,
27.9376

188.8206,
197.4633, 306.0714

■ 5.8592, 6.0468,
18.0400

230.3910,
241.0300, 365.6545

■ 2.7995, 2.8736,
10.8090

277.6545,

■ 1.0486, 1.0661,

290.5753, 432.5082

5.8260

330.9765,
346.4834, 507.0509

■ 0.0000, 0.0000,
2.6725

■ 0.0000, 0.0000,
0.9295

■ 53.5777, 55.8534,
102.5647

■ 53.5777, 55.8534,
102.5647

■ 45.4825, 46.6473,
101.2144

■ 63.0931, 66.3348,
104.0863

■ 38.7280, 38.6558,
100.0279

■ 74.0925, 78.1363,
105.7845

■ 33.2340, 31.8218,
98.9983

■ 86.6415, 91.3076,
107.6654

■ 28.9087, 26.0802,
98.1181

95.0500, 100.0000,
108.9000

■ 25.6460, 21.3575,
97.3785

■ 23.3164, 17.5669,
96.7696

■ 22.5866, 16.2933,
96.5622

Harmonies

Analogous

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



47.6459, 55.8534, 97.0674



53.5777, 55.8534, 102.5647



59.8404, 55.8534, 95.1664

Triad

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



53.5777, 55.8534, 102.5647



64.0166, 55.8534, 44.0672



43.0512, 55.8534, 46.0541

Complementary

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



53.5777, 55.8534, 102.5647



73.1829, 74.5678, 45.1881

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.



46.8618, 55.8534, 35.9192



53.5777, 55.8534, 102.5647



58.9273, 55.8534, 34.9419

Square

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



53.5777, 55.8534, 102.5647



66.1574, 55.8534, 59.4245



52.5993, 55.8534, 32.2815



41.8625, 55.8534, 62.2267

Rectangle

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



53.5777, 55.8534, 102.5647



63.2795, 55.8534, 84.6308



52.5993, 55.8534, 32.2815



44.0522, 55.8534, 41.9471

Sweetspot

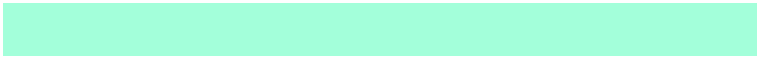
The Sweet Spot groups the original color and five complimentary colors.



53.5793, 55.8555, 102.5650



80.2659, 84.6490, 106.7162



63.5464, 84.3795, 79.4057



16.8188, 17.7386, 22.7874



0.0000, 0.0000, 0.0000



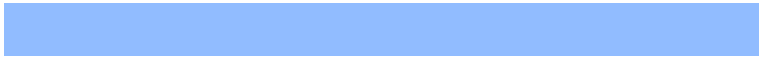
20.3446, 21.4041, 23.3091

Same Dimension

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



53.5793, 55.8555, 102.5650



47.8272, 49.3483, 101.6122



48.2059, 42.2096, 100.2143



17.5860, 18.5436, 22.9023



11.9367, 8.7830, 50.5007



1.2648, 1.0603, 4.9513

Inverse Universe

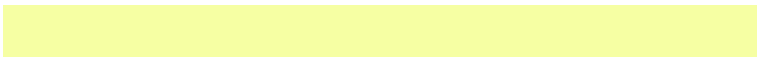
The Inverse Universe completely reimagines the original color for something new.



64.6471, 51.5795, 60.5836



60.5239, 45.2599, 53.2689



80.3073, 93.7212, 48.5096



18.3037, 18.1048, 20.2163



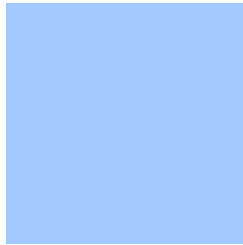
22.8133, 11.6146, 7.6673



2.2730, 1.1516, 1.0192

Previews

White Background



This preview shows how the XYZ color 53.5777, 55.8534, 102.5647 looks on a white background.

Color Contrast Check

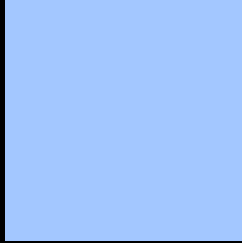
Large Text (above 18pt) WCAG AA × Fail

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 53.5777, 55.8534, 102.5647 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

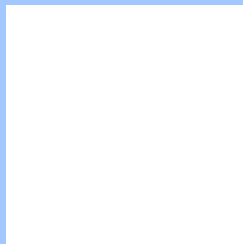
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.5777, 55.8534, 102.5647

Background



This preview shows how black text looks on a background with the XYZ color 53.5777, 55.8534, 102.5647.



This preview shows how white text looks on a background with the XYZ color 53.5777, 55.8534,

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

53.5777, 55.8534, 102.5647

Protanopia

56.1539, 55.5569, 99.8594

Deuteranopia

56.8871, 55.5503, 102.3317



Tritanopia

48.4000, 55.8517, 76.6361

Trichromacy



Original Color

53.5777, 55.8534, 102.5647

Protanomaly

55.1487, 55.6857, 100.7703

Deuteranomaly

55.4696, 55.4803, 102.3930

Tritanomaly

50.1645, 55.8642, 85.2297

Monochromacy



Original Color

53.5777, 55.8534, 102.5647

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.7928, 54.5569, 73.4464

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5777, 55.8534, 102.5647 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(163, 199, 255)` looks like.

```
.text, #text, p{  
    color:rgb(163, 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(163, 199, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 199, 255) }
```

Border

The CSS property to change the border of an element to XYZ 53.5777, 55.8534, 102.5647 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(163, 199, 255) }
```


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

```
.border{ border-color:rgb(163, 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(163, 199, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 199, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 199, 255);  
box-shadow:4px 4px 4px 4px rgb(163, 199,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5777, 55.8534, 102.5647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 199, 255) }
```

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

```
.background{ background-color: rgb(163,  
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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