

Converting Colors

XYZ(51.6895, 53.6987,
101.9272)

Have a look what the booklet for
XYZ(51.6895, 53.6987, 101.9272)
contains.

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Color

**XYZ(51.6657, 53.5193,
102.2149)**

Conversions

Conversions Part 1

Format	Color
Hex	9EC3FF
RGB	158, 195, 255
RGB Percent	62%, 76%, 100%
CMY	0.3804, 0.2353, 0.0000
CMYK	0.38, 0.24, 0.00, 0.00
HSL	217°, 100%, 81%
HSV	217°, 38%, 100%
XYZ	51.6657, 53.5193, 102.2149
YIQ	190.7770, -41.3120, 10.8160

Conversions

Conversions Part 2

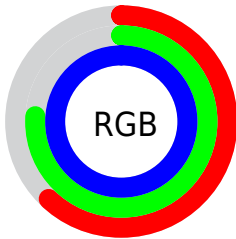
Format	Color
RYB	158, 185, 255
Decimal	10404863
CIELab	78.18, 2.11, -33.45
CIElCh	78, 33.517, 273.609
Yxy	53.5193, 0.2491, 0.2580
Android (android.graphics.Color)	4288594943 (0xFF9EC3FF)
YUV	190.7770, 31.6619, -28.7454
Hunter-Lab	73.1569, -1.9622, -31.6302

Details

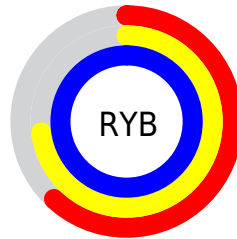
The XYZ color **51.6657, 53.5193, 102.2149** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **72.4837, 73.8723, 42.7883**, and the grayscale version is **49.2332, 51.7972, 56.4071**.

A 20% lighter version of the original color is **80.5715, 90.6614, 107.8606**, and **25.4596, 26.3068, 57.1619** is the 20% darker color. If you saturate the color by 10%, you get **43.8111, 44.4989, 100.8878**, and if you desaturate by 10%, it is **60.9374, 63.8268, 103.7158**.

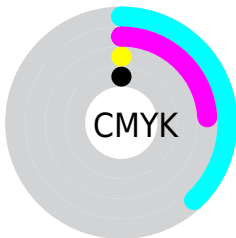
Distribution



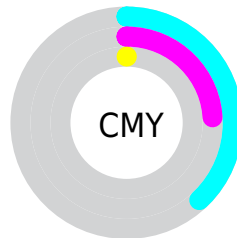
- Red (62%)
- Green (76%)
- Blue (100%)



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



- Cyan (38%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (38%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.6657, 53.5193, 102.2149 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 51.6657, 53.5193, 102.2149 by changing the saturation by 10% instead.

■ 51.6657, 53.5193,
102.2149

■ 51.6657, 53.5193,
102.2149

383.4898,
400.2743, 588.5780

■ 36.9619, 38.2175,
77.5244

■ 91.8152, 95.3681,
166.2760

■ 25.3515, 26.1515,
57.1693

■ 117.9915,
122.6838, 206.4837

■ 16.4693, 16.9370,
40.7309

148.7228,
154.7730, 252.7009

■ 9.9498, 10.1896,
27.7907

184.3743,
192.0200, 305.3461

■ 5.4277, 5.5249,
17.9303

225.3114,
234.8093, 364.8379

■ 2.5376, 2.5584,
10.7310

271.8994,

■ 0.9143, 0.9058,

283.5251, 431.5947

5.7744

324.5038,
338.5520, 506.0353

■ 0.0000, 0.0000,
2.6418

■ 0.0000, 0.0000,
0.9139

■ 51.6657, 53.5193,
102.2149

■ 51.6657, 53.5193,
102.2149

■ 43.8111, 44.4989,
100.8878

■ 60.9374, 63.8268,
103.7158

■ 37.2925, 36.7031,
99.7266

■ 71.6918, 75.4680,
105.3960

■ 32.0272, 30.0725,
98.7243

■ 83.9958, 88.4944,
107.2618

■ 27.9203, 24.5393,
97.8727

95.0500, 100.0000,
108.9000

■ 24.8616, 20.0263,
97.1629

■ 22.7049, 16.4368,
96.5837

■ 22.3496, 15.8192,
96.4832

Harmonies

Analogous

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



45.4709, 53.5193, 96.9425



51.6657, 53.5193, 102.2149



58.1663, 53.5193, 93.7885

Triad

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



51.6657, 53.5193, 102.2149



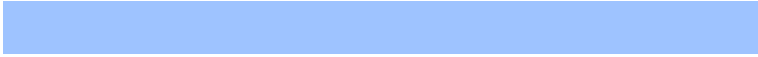
62.1001, 53.5193, 40.4949



40.3960, 53.5193, 43.6604

Complementary

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



51.6657, 53.5193, 102.2149



72.4837, 73.8723, 42.7883

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.



44.2081, 53.5193, 33.0909



51.6657, 53.5193, 102.2149



56.6771, 53.5193, 31.5577

Square

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



51.6657, 53.5193, 102.2149



64.5079, 53.5193, 56.0315



50.0795, 53.5193, 29.1695



39.3014, 53.5193, 60.5744

Rectangle

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



51.6657, 53.5193, 102.2149



61.7002, 53.5193, 82.4112



50.0795, 53.5193, 29.1695



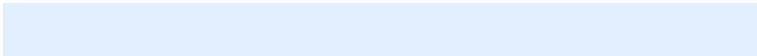
41.3850, 53.5193, 39.3792

Sweetspot

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



51.6673, 53.5213, 102.2152



80.1854, 84.4880, 106.6893



62.4926, 83.8420, 79.0946



16.7997, 17.7004, 22.7810



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.



51.6673, 53.5213, 102.2152



45.3007, 46.2357, 101.1445



46.7087, 40.1458, 99.8948



17.5709, 18.5134, 22.8973



11.8109, 8.5314, 50.4588



1.2515, 1.0338, 4.9468

Inverse Universe

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



63.3184, 49.6556, 57.8790



58.7749, 42.7468, 49.6500



79.1306, 93.1654, 46.1619



18.2961, 18.1017, 20.1762



22.7498, 11.5892, 7.3329



2.2663, 1.1489, 0.9839

Previews

White Background



This preview shows how the XYZ color 51.6657, 53.5193, 102.2149 looks on a white background.

Color Contrast Check

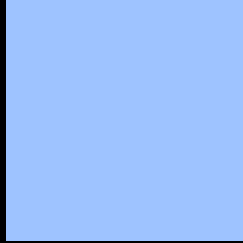
Large Text (above 18pt) WCAG AA × Fail

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 51.6657, 53.5193, 102.2149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

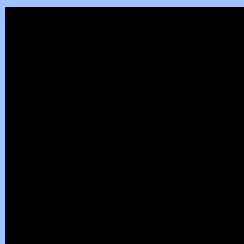
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

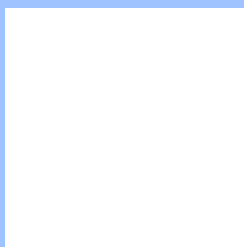
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.6657, 53.5193, 102.2149

Background



This preview shows how black text looks on a background with the XYZ color 51.6657, 53.5193, 102.2149.



This preview shows how white text looks on a background with the XYZ color 51.6657, 53.5193,

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

51.6657, 53.5193, 102.2149

Protanopia

54.1060, 53.5200, 99.5742

Deuteranopia

54.5949, 53.3940, 102.0364



Tritanopia

46.1698, 53.6926, 74.2600

Trichromacy



Original Color

51.6657, 53.5193, 102.2149

Protanomaly

52.9414, 53.2261, 100.4119

Deuteranomaly

53.4772, 53.4653, 102.1090

Tritanomaly

47.7961, 53.2918, 83.3685

Monochromacy



Original Color

51.6657, 53.5193, 102.2149

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

49.5776, 52.1380, 71.0690

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.6657, 53.5193, 102.2149 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, 195, 255)` looks like.

```
.text, #text, p{  
    color:rgb(158, 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(158, 195, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 195, 255) }
```

Border

The CSS property to change the border of an element to XYZ 51.6657, 53.5193, 102.2149 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, 195, 255) }
```


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

```
.border{ border-color:rgb(158, 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(158, 195, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 195, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 195, 255);  
box-shadow:4px 4px 4px 4px rgb(158, 195,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 51.6657, 53.5193, 102.2149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 195, 255) }
```

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

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