

Converting Colors

XYZ(53.0972, 51.7043,
101.7891)

Have a look what the booklet for
XYZ(53.0972, 51.7043, 101.7891)
contains.

XYZ(53.0539, 51.6449, 101.7800)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(53.0539, 51.6449,
101.7800)**

Conversions

Conversions Part 1

Format	Color
Hex	ADBBFF
RGB	173, 187, 255
RGB Percent	68%, 73%, 100%
CMY	0.3216, 0.2667, 0.0000
CMYK	0.32, 0.27, 0.00, 0.00
HSL	230°, 100%, 84%
HSV	230°, 32%, 100%
XYZ	53.0539, 51.6449, 101.7800
YIQ	190.5660, -30.1720, 18.1800

Conversions

Conversions Part 2

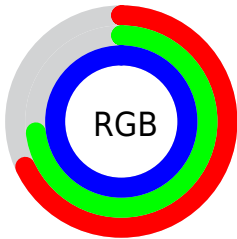
Format	Color
RYB	173, 185, 255
Decimal	11385855
CIELab	77.07, 10.53, -35.09
CIELCh	77, 36.636, 286.700
Yxy	51.6449, 0.2569, 0.2501
Android (android.graphics.Color)	4289575935 (0xFFADBBFF)
YUV	190.5660, 31.7660, -15.4054
Hunter-Lab	71.8644, 6.0150, -33.6661

Details

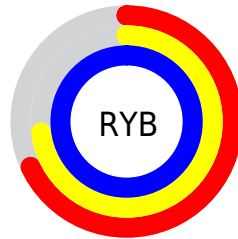
The XYZ color **53.0539, 51.6449, 101.7800** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **80.2385, 87.1878, 52.1369**, and the grayscale version is **49.1061, 51.6635, 56.2615**.

A 20% lighter version of the original color is **82.7337, 88.1442, 107.2607**, and **26.1894, 24.9790, 56.8672** is the 20% darker color. If you saturate the color by 10%, you get **43.7835, 40.6904, 100.1541**, and if you desaturate by 10%, it is **64.0641, 64.4791, 103.6769**.

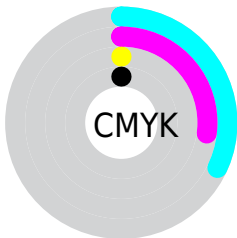
Distribution



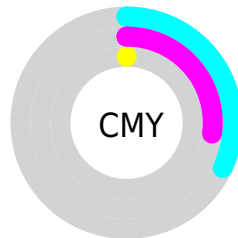
- Red (68%)
- Green (73%)
- Blue (100%)



- Red (68%)
- Yellow (73%)
- Blue (100%)



- Cyan (32%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)



- Cyan (32%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.0539, 51.6449, 101.7800 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 53.0539, 51.6449, 101.7800 by changing the saturation by 10% instead.

■ 53.0539, 51.6449,
101.7800

■ 53.0539, 51.6449,
101.7800

388.7494,
393.0642, 587.1799

■ 38.0735, 36.7221,
77.1628

■ 93.8487, 92.6073,
165.6743

■ 26.2172, 24.9924,
56.8741

120.3938,
119.4158, 205.7885

■ 17.1197, 16.0714,
40.4955

151.5245,
150.9549, 251.9054

■ 10.4157, 9.5747,
27.6084

187.6062,
187.6090, 304.4436

■ 5.7398, 5.1179,
17.7942

229.0041,
229.7626, 363.8216

■ 2.7267, 2.3166,
10.6344

276.0837,

■ 1.0109, 0.7825,

277.8001, 430.4580

5.7105

329.2104,
332.1058, 504.7712

■ 0.0000, 0.0000,
2.6039

■ 0.0000, 0.0000,
0.8945

■ 53.0539, 51.6449,
101.7800

■ 53.0539, 51.6449,
101.7800

■ 43.7835, 40.6904,
100.1541

■ 64.0641, 64.4791,
103.6769

■ 36.1579, 31.5205,
98.7861

■ 76.8928, 79.2704,
105.8558

■ 30.0803, 24.0408,
97.6627

■ 91.6198, 96.0987,
108.3278

■ 25.4415, 18.1451,
96.7692

■ 95.0500, 100.0000,
108.9000

■ 22.1172, 13.7149,
96.0893

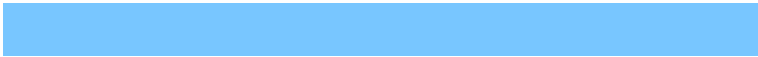
■ 19.9611, 10.6138,
95.6043

■ 18.9336, 8.9872,
95.3445

Harmonies

Analogous

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



46.0576, 51.6449, 102.6610



53.0539, 51.6449, 101.7800



59.5395, 51.6449, 86.9997

Triad

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



53.0539, 51.6449, 101.7800



58.9001, 51.6449, 32.6011



37.1276, 51.6449, 47.8292

Complementary

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



53.0539, 51.6449, 101.7800



80.2385, 87.1878, 52.1369

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.



39.9354, 51.6449, 33.7377



53.0539, 51.6449, 101.7800



52.2462, 51.6449, 26.4609

Square

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



53.0539, 51.6449, 101.7800



63.1281, 51.6449, 45.8747



45.3228, 51.6449, 26.8204



37.2994, 51.6449, 68.0427

Rectangle

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



53.0539, 51.6449, 101.7800



62.5039, 51.6449, 72.8847



45.3228, 51.6449, 26.8204



37.7420, 51.6449, 42.3321

Sweetspot

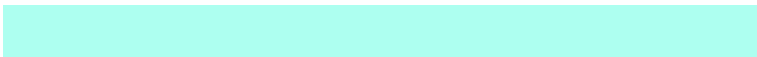
The Sweet Spot groups the original color and five complimentary colors.



53.0555, 51.6468, 101.7803



79.9041, 82.7228, 106.3634



68.7177, 86.6940, 95.5244



16.6804, 17.2220, 22.6950



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.



53.0555, 51.6468, 101.7803



46.5270, 43.9503, 100.6388



56.5392, 49.2464, 101.1333



17.2536, 17.8788, 22.7915



9.9658, 4.8412, 49.8438



1.0367, 0.6040, 4.8752

Inverse Universe

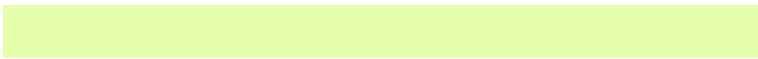
The Inverse Universe completely reimagines the original color for something new.



65.1543, 54.7365, 54.1469



60.5505, 47.8852, 45.3486



75.6273, 91.2010, 53.1545



18.1359, 18.0377, 19.3329



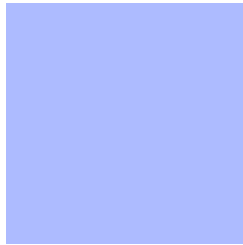
21.8185, 11.2167, 2.4286



2.1579, 1.1055, 0.4128

Previews

White Background



This preview shows how the XYZ color 53.0539, 51.6449, 101.7800 looks on a white background.

Color Contrast Check

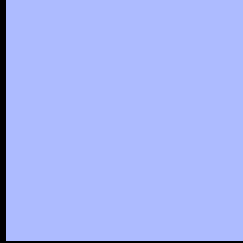
Large Text (above 18pt) WCAG AA × Fail

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 53.0539, 51.6449, 101.7800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

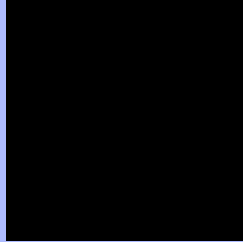
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.0539, 51.6449, 101.7800

Background



This preview shows how black text looks on a background with the XYZ color 53.0539, 51.6449, 101.7800.



This preview shows how white text looks on a background with the XYZ color 53.0539, 51.6449,

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

53.0539, 51.6449, 101.7800

Protanopia

52.8278, 51.8444, 101.8304

Deuteranopia

52.8336, 51.5313, 101.7696



Tritanopia

46.3772, 51.5199, 69.1280

Trichromacy



Original Color

53.0539, 51.6449, 101.7800

Protanomaly

53.0465, 51.9571, 101.8406

Deuteranomaly

52.8336, 51.5313, 101.7696

Tritanomaly

48.6511, 51.4608, 80.0418

Monochromacy



Original Color

53.0539, 51.6449, 101.7800

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

50.3182, 51.8723, 70.9786

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0539, 51.6449, 101.7800 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(173, 187, 255)` looks like.

```
.text, #text, p{  
    color:rgb(173, 187, 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(173, 187, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 187, 255) }
```

Border

The CSS property to change the border of an element to XYZ 53.0539, 51.6449, 101.7800 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(173, 187, 255) }
```


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

```
.border{ border-color:rgb(173, 187, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 187, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 187, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 187, 255);  
box-shadow:4px 4px 4px 4px rgb(173, 187,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0539, 51.6449, 101.7800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 187, 255) }
```

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

```
.background{ background-color: rgb(173,  
187, 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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