

Converting Colors

XYZ(53.6203, 51.0204,
100.7878)

Have a look what the booklet for
XYZ(53.6203, 51.0204, 100.7878)
contains.

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Color

**XYZ(53.6203, 51.0204,
100.7878)**

Conversions

Conversions Part 1

Format	Color
Hex	B3B8FE
RGB	179, 184, 254
RGB Percent	70%, 72%, 100%
CMY	0.2980, 0.2784, 0.0039
CMYK	0.30, 0.28, 0.00, 0.00
HSL	236°, 97%, 85%
HSV	236°, 30%, 100%
XYZ	53.6203, 51.0204, 100.7878
YIQ	190.4850, -25.4500, 20.7100

Conversions

Conversions Part 2

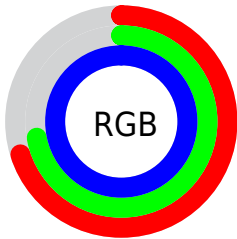
Format	Color
R _Y B	179, 184, 254
Decimal	11778302
CIE Lab	76.69, 13.61, -35.10
CIE LCh	77, 37.649, 291.194
Yxy	51.0204, 0.2610, 0.2484
Android (android.graphics.Color)	4289968382 (0xFFB3B8FE)
YUV	190.4850, 31.3129, -10.0723
Hunter-Lab	71.4286, 8.9972, -33.6599

Details

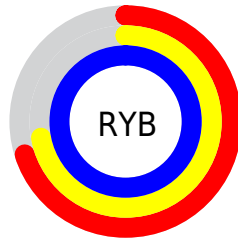
The XYZ color **53.6203, 51.0204, 100.7878** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.8866, 92.0780, 56.0540**, and the grayscale version is **49.0600, 51.6150, 56.2087**.

A 20% lighter version of the original color is **83.8022, 87.3730, 107.0556**, and **26.5065, 24.5489, 56.1647** is the 20% darker color. If you saturate the color by 10%, you get **43.7630, 39.2316, 99.0328**, and if you desaturate by 10%, it is **65.3875, 65.0209, 102.8709**.

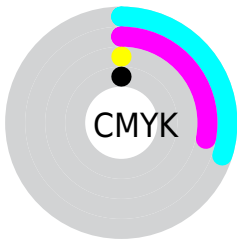
Distribution



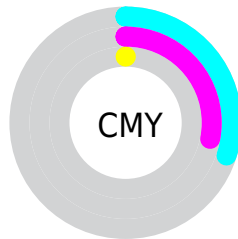
- Red (70%)
- Green (72%)
- Blue (100%)



- Red (70%)
- Yellow (72%)
- Blue (100%)



- Cyan (30%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)



- Cyan (30%)
- Magenta (28%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.6203, 51.0204, 100.7878 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 53.6203, 51.0204, 100.7878 by changing the saturation by 10% instead.

■ 53.6203, 51.0204,
100.7878

■ 53.6203, 51.0204,
100.7878

390.8825,
390.6430, 583.9837

■ 38.5276, 36.2248,
76.3381

■ 94.6767, 91.6849,
164.3007

■ 26.5715, 24.6079,
56.2015

121.3711,
118.3227, 204.2009

■ 17.3866, 15.7852,
39.9594

152.6635,
149.6766, 250.0884

■ 10.6075, 9.3723,
27.1933

188.9192,
186.1312, 302.3817

■ 5.8689, 4.9848,
17.4848

230.5036,
228.0707, 361.4994

■ 2.8054, 2.2383,
10.4151

277.7821,

■ 1.0517, 0.7408,

275.8796, 427.8599

5.5659

331.1199,
329.9422, 501.8818

■ 0.0000, 0.0000,
2.5185

■ 0.0000, 0.0000,
0.8499

■ 53.6203, 51.0204,
100.7878

■ 53.6203, 51.0204,
100.7878

■ 43.7630, 39.2316,
99.0328

■ 65.3875, 65.0209,
102.8709

■ 35.7098, 29.5358,
97.5857

■ 79.1525, 81.3319,
105.2937

■ 29.3527, 21.8120,
96.4299

94.8896, 99.9358,
108.0552

■ 24.5699, 15.9246,
95.5456

■ 21.2233, 11.7207,
94.9106

■ 19.1507, 9.0226,
94.4990

■ 18.1218, 7.5980,
94.2783

■ 18.0890, 7.5547,
94.2717

Harmonies

Analogous

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



46.4248, 51.0204, 104.0850



53.6203, 51.0204, 100.7878



59.9801, 51.0204, 83.9686

Triad

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



53.6203, 51.0204, 100.7878



57.6020, 51.0204, 30.2301



36.1683, 51.0204, 49.7561

Complementary

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



53.6203, 51.0204, 100.7878



82.8866, 92.0780, 56.0540

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.



38.5756, 51.0204, 34.4016



53.6203, 51.0204, 100.7878



50.6225, 51.0204, 25.0853

Square

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



53.6203, 51.0204, 100.7878



62.4310, 51.0204, 42.5330



43.7041, 51.0204, 26.3982



36.8017, 51.0204, 70.9899

Rectangle

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



53.6203, 51.0204, 100.7878



62.6626, 51.0204, 69.1947



43.7041, 51.0204, 26.3982



36.6393, 51.0204, 43.8328

Sweetspot

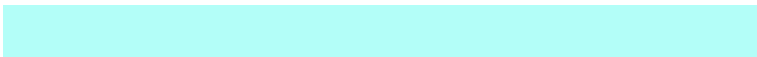
The Sweet Spot groups the original color and five complimentary colors.



53.6220, 51.0224, 100.7890



80.6483, 82.9910, 106.3760



70.9381, 87.2303, 101.7031



16.7984, 17.2150, 22.6874



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.



53.6220, 51.0224, 100.7890



48.4190, 44.6910, 100.6820



60.6607, 53.1362, 100.8260



17.1002, 17.5721, 22.7404



9.5723, 4.0541, 49.7126



0.9644, 0.4596, 4.8511

Inverse Universe

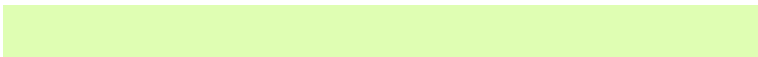
The Inverse Universe completely reimagines the original color for something new.



65.6464, 56.7735, 52.8478



62.2484, 51.4087, 45.5209



73.9343, 89.7878, 56.0837



18.0585, 18.0067, 18.9251



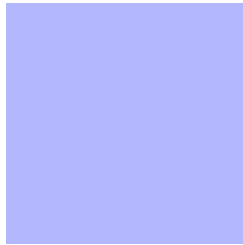
21.6198, 11.1372, 1.3826



2.1214, 1.0909, 0.2208

Previews

White Background



This preview shows how the XYZ color 53.6203, 51.0204, 100.7878 looks on a white background.

Color Contrast Check

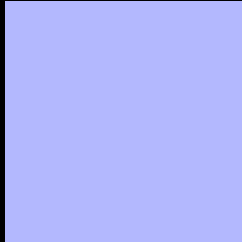
Large Text (above 18pt) WCAG AA × Fail

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 53.6203, 51.0204, 100.7878 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

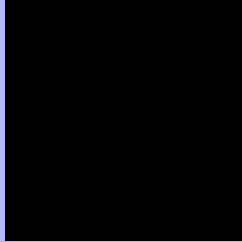
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.6203, 51.0204, 100.7878

Background



This preview shows how black text looks on a background with the XYZ color 53.6203, 51.0204, 100.7878.

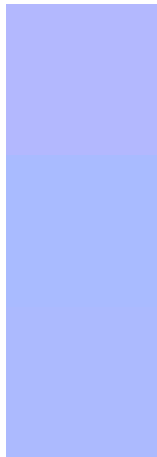


This preview shows how white text looks on a background with the XYZ color 53.6203, 51.0204,

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

53.6203, 51.0204, 100.7878

Protanopia

52.1825, 51.1957, 101.7392

Deuteranopia

52.4616, 51.0442, 100.8534



Tritanopia

46.8173, 51.1290, 67.0759

Trichromacy



Original Color

53.6203, 51.0204, 100.7878

Protanomaly

52.8425, 51.2220, 101.7095

Deuteranomaly

52.9176, 50.9676, 100.8146

Tritanomaly

49.2376, 51.1474, 78.5115

Monochromacy



Original Color

53.6203, 51.0204, 100.7878

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

50.2432, 51.2096, 70.1871

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6203, 51.0204, 100.7878 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(179, 184, 254)` looks like.

```
.text, #text, p{  
    color:rgb(179, 184, 254)  
}
```

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(179, 184, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 184, 254) }
```

Border

The CSS property to change the border of an element to XYZ 53.6203, 51.0204, 100.7878 is called "border". The border property can be set on classes, ids or directly on the HTML element.

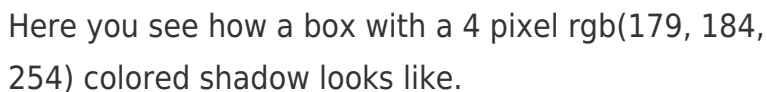
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(179, 184, 254) }
```


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

```
.border{ border-color:rgb(179, 184, 254) }
```

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



Here you see how a box with a 4 pixel `rgb(179, 184, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 184, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 184, 254); box-shadow:4px 4px 4px 4px rgb(179, 184, 254) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6203, 51.0204, 100.7878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 184, 254) }
```

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

```
.background{ background-color: rgb(179,  
184, 254) }
```

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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