

Converting Colors

XYZ(56.3397, 56.3735,
102.5195)

Have a look what the booklet for
XYZ(56.3397, 56.3735, 102.5195)
contains.

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Color

**XYZ(56.3803, 56.2836,
102.5000)**

Conversions

Conversions Part 1

Format	Color
Hex	B3C4FF
RGB	179, 196, 255
RGB Percent	70%, 77%, 100%
CMY	0.2980, 0.2314, 0.0000
CMYK	0.30, 0.23, 0.00, 0.00
HSL	227°, 100%, 85%
HSV	227°, 30%, 100%
XYZ	56.3803, 56.2836, 102.5000
YIQ	197.6430, -29.0710, 14.7450

Conversions

Conversions Part 2

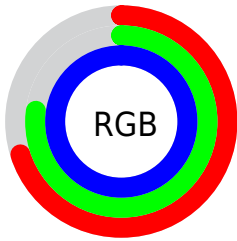
Format	Color
R _Y B	179, 193, 255
Decimal	11781375
CIE Lab	79.77, 7.29, -30.88
CIE LCh	80, 31.732, 283.282
Yxy	56.2836, 0.2620, 0.2616
Android (android.graphics.Color)	4289971455 (0xFFB3C4FF)
YUV	197.6430, 28.2770, -16.3499
Hunter-Lab	75.0224, 2.8559, -28.4898

Details

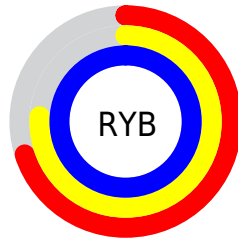
The XYZ color **56.3803, 56.2836, 102.5000** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **79.9513, 85.6634, 54.9703**, and the grayscale version is **53.3079, 56.0841, 61.0756**.

A 20% lighter version of the original color is **87.4525, 94.6737, 108.2723**, and **28.1782, 27.7083, 57.2892** is the 20% darker color. If you saturate the color by 10%, you get **46.8483, 45.1738, 100.8580**, and if you desaturate by 10%, it is **67.5945, 69.1377, 104.3900**.

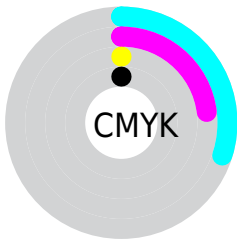
Distribution



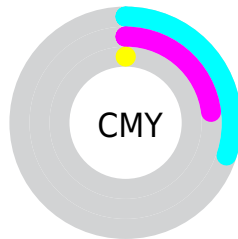
- Red (70%)
- Green (77%)
- Blue (100%)



- Red (70%)
- Yellow (76%)
- Blue (100%)



- Cyan (30%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)



- Cyan (30%)
- Magenta (23%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.3803, 56.2836, 102.5000 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 56.3803, 56.2836, 102.5000 by changing the saturation by 10% instead.

■ 56.3803, 56.2836,
102.5000

■ 56.3803, 56.2836,
102.5000

401.1750,
410.7594, 589.4935

■ 40.7461, 40.4303,
77.7615

■ 98.6970, 99.4191,
166.6703

■ 28.3075, 27.8742,
57.3628

126.1102,
127.4702, 206.9392

■ 18.6993, 18.2309,
40.8853

158.1805,
160.3559, 253.2220

■ 11.5559, 11.1159,
27.9105

195.2731,
198.4608, 305.9373

■ 6.5121, 6.1448,
18.0197

237.7535,
242.1692, 365.5035

■ 3.2025, 2.9333,
10.7946

285.9871,

■ 1.2617, 1.0970,

291.8655, 432.3393

5.8164

340.3391,
347.9341, 506.8631

■ 0.1543, 0.0000,
2.6668

■ 0.0000, 0.0000,
0.9266

■ 56.3803, 56.2836,
102.5000

■ 56.3803, 56.2836,
102.5000

■ 46.8483, 45.1738,
100.8580

■ 67.5945, 69.1377,
104.3900

■ 38.9104, 35.7252,
99.4526

■ 80.5631, 83.8015,
106.5369

■ 32.4781, 27.8570,
98.2729

95.0500, 100.0000,
108.9000

■ 27.4514, 21.4790,
97.3068

■ 23.7179, 16.4912,
96.5408

■ 21.1461, 12.7798,
95.9600

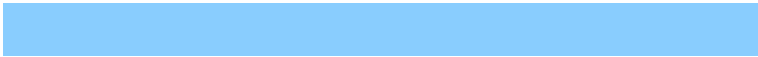
■ 19.5410, 10.1927,
95.5452

■ 19.5153, 10.1507,
95.5384

Harmonies

Analogous

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



50.0250, 56.2836, 101.7292



56.3803, 56.2836, 102.5000



62.4069, 56.2836, 90.7691

Triad

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



56.3803, 56.2836, 102.5000



62.9884, 56.2836, 40.1126



42.5296, 56.2836, 51.6715

Complementary

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



56.3803, 56.2836, 102.5000



79.9513, 85.6634, 54.9703

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.



45.4762, 56.2836, 38.9937



56.3803, 56.2836, 102.5000



57.1236, 56.2836, 33.2921

Square

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



56.3803, 56.2836, 102.5000



66.4227, 56.2836, 53.5197



50.7115, 56.2836, 32.9284



42.3655, 56.2836, 69.7635

Rectangle

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



56.3803, 56.2836, 102.5000



65.2888, 56.2836, 78.5797



50.7115, 56.2836, 32.9284



43.2161, 56.2836, 46.7317

Sweetspot

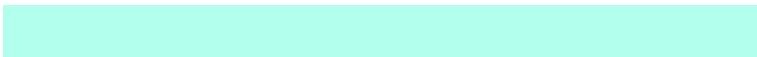
The Sweet Spot groups the original color and five complimentary colors.



56.3820, 56.2857, 102.5003



81.6824, 85.0592, 106.7207



69.6763, 87.2342, 93.4913



17.0510, 17.7201, 22.7716



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.



56.3820, 56.2857, 102.5003



50.2810, 49.1991, 101.4540



57.7954, 51.6404, 101.5292



17.3325, 18.0367, 22.8179



10.2875, 5.4847, 49.9510



1.0789, 0.6885, 4.8893

Inverse Universe

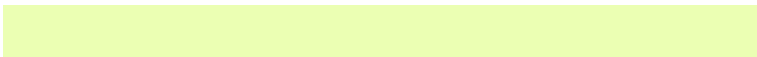
The Inverse Universe completely reimagines the original color for something new.



67.3250, 57.4872, 59.7747



62.9968, 50.9751, 51.7214



78.0702, 92.3918, 56.3682



18.1757, 18.0536, 19.5426



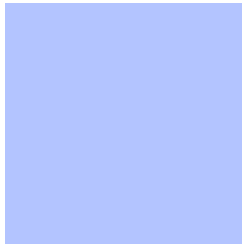
21.9809, 11.2816, 3.2838



2.1792, 1.1140, 0.5250

Previews

White Background



This preview shows how the XYZ color 56.3803, 56.2836, 102.5000 looks on a white background.

Color Contrast Check

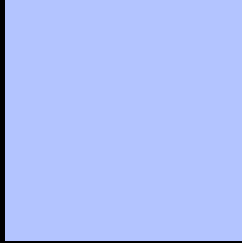
Large Text (above 18pt) WCAG AA × Fail

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 56.3803, 56.2836, 102.5000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

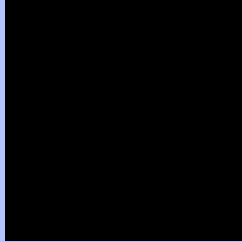
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.3803, 56.2836, 102.5000

Background



This preview shows how black text looks on a background with the XYZ color 56.3803, 56.2836, 102.5000.



This preview shows how white text looks on a background with the XYZ color 56.3803, 56.2836,

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

56.3803, 56.2836, 102.5000

Protanopia

56.6959, 56.1311, 101.6121

Deuteranopia

57.5915, 56.2427, 102.4283



Tritanopia

50.9367, 56.4843, 75.2357

Trichromacy



Original Color

56.3803, 56.2836, 102.5000

Protanomaly

56.4606, 56.0097, 101.6011

Deuteranomaly

57.0935, 56.3175, 102.4690

Tritanomaly

52.6753, 56.1334, 84.4025

Monochromacy



Original Color

56.3803, 56.2836, 102.5000

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

54.2383, 56.1233, 74.9921

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3803, 56.2836, 102.5000 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, 196, 255)` looks like.

```
.text, #text, p{  
    color:rgb(179, 196, 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(179, 196, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 196, 255) }
```

Border

The CSS property to change the border of an element to XYZ 56.3803, 56.2836, 102.5000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

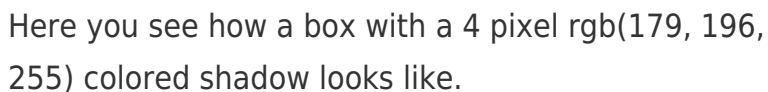
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(179, 196, 255) }
```


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

```
.border{ border-color:rgb(179, 196, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(179, 196, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 196, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 196, 255); box-shadow:4px 4px 4px 4px rgb(179, 196, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3803, 56.2836, 102.5000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 196, 255) }
```

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

```
.background{ background-color: rgb(179,  
196, 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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