

Converting Colors

XYZ(67.0422, 61.0973,
159.1093)

Have a look what the booklet for
XYZ(67.0422, 61.0973, 159.1093)
contains.

| | |
|--|----|
| XYZ(56.3755, 56.9553, 102.6299) | 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(56.3755, 56.9553,
102.6299)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | B1C6FF |
| RGB | 177, 198, 255 |
| RGB Percent | 69%, 78%, 100% |
| CMY | 0.3059, 0.2235, 0.0000 |
| CMYK | 0.31, 0.22, 0.00, 0.00 |
| HSL | 224°, 100%, 85% |
| HSV | 224°, 31%, 100% |
| XYZ | 56.3755, 56.9553, 102.6299 |
| YIQ | 198.2190, -30.8130, 13.2750 |

Conversions

Conversions Part 2

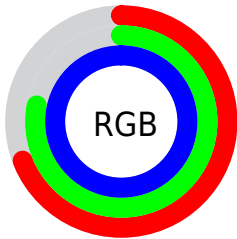
| Format | Color |
|-------------------------------------|--|
| RYB | 177, 194, 255 |
| Decimal | 11650815 |
| CIELab | 80.15, 5.64, -30.31 |
| CIELCh | 80, 30.833, 280.545 |
| Yxy | 56.9553, 0.2610, 0.2637 |
| Android (android.graphics.Color) | 4289840895 (0xFFB1C6FF) |
| YUV | 198.2190, 27.9930, -18.6091 |
| Hunter-Lab | 75.4687, 1.2701, -27.8003 |

Details

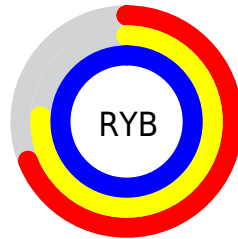
The XYZ color **56.3755, 56.9553, 102.6299** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **78.5987, 83.2797, 53.5286**, and the grayscale version is **53.6596, 56.4541, 61.4785**.

A 20% lighter version of the original color is **87.7417, 96.2324, 108.5580**, and **28.1923, 28.1613, 57.3759** is the 20% darker color. If you saturate the color by 10%, you get **47.1004, 46.2362, 101.0498**, and if you desaturate by 10%, it is **67.2632, 69.2862, 104.4362**.

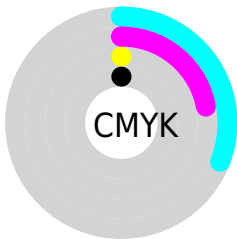
Distribution



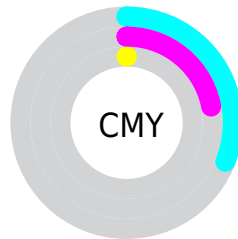
- Red (69%)
- Green (78%)
- Blue (100%)



- Red (69%)
- Yellow (76%)
- Blue (100%)



- Cyan (31%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.3755, 56.9553, 102.6299 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 56.3755, 56.9553, 102.6299 by changing the saturation by 10% instead.

■ 56.3755, 56.9553,
102.6299

■ 56.3755, 56.9553,
102.6299

401.1572,
413.2818, 589.9104

■ 40.7422, 40.9694,
77.8696

■ 98.6900, 100.4000,
166.8499

■ 28.3045, 28.2951,
57.4511

126.1020,
128.6275, 207.1467

■ 18.6970, 18.5483,
40.9557

158.1709,
161.7043, 253.4594

■ 11.5542, 11.3443,
27.9650

195.2621,
200.0148, 306.2065

■ 6.5109, 6.2989,
18.0605

237.7410,
243.9434, 365.8067

■ 3.2018, 3.0277,
10.8235

285.9729,

■ 1.2613, 1.1462,

293.8745, 432.6783

5.8356

340.3232,
350.1925, 507.2401

■ 0.1540, 0.0171,
2.6782

■ 0.0000, 0.0000,
0.9324

■ 56.3755, 56.9553,
102.6299

■ 56.3755, 56.9553,
102.6299

■ 47.1004, 46.2362,
101.0498

■ 67.2632, 69.2862,
104.4362

■ 39.3534, 37.0533,
99.6856

■ 79.8322, 83.2871,
106.4762

■ 33.0495, 29.3344,
98.5279

■ 94.1535, 99.0213,
108.7583

■ 28.0930, 22.9982,
97.5662

■ 95.0500, 100.0000,
108.9000

■ 24.3757, 17.9548,
96.7886

■ 21.7705, 14.1017,
96.1822

■ 20.1572, 11.4344,
95.7524

Harmonies

Analogous

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



50.2091, 56.9553, 100.6955



56.3755, 56.9553, 102.6299



62.3738, 56.9553, 92.1988

Triad

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



56.3755, 56.9553, 102.6299



63.8439, 56.9553, 42.1323



43.5229, 56.9553, 51.1892

Complementary

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



56.3755, 56.9553, 102.6299



78.5987, 83.2797, 53.5286

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.



46.6544, 56.9553, 39.2624



56.3755, 56.9553, 102.6299



58.2589, 56.9553, 34.7763

Square

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



56.3755, 56.9553, 102.6299



66.9018, 56.9553, 55.8957



51.9533, 56.9553, 33.8387



43.1042, 56.9553, 68.5646

Rectangle

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



56.3755, 56.9553, 102.6299



65.3504, 56.9553, 80.6330



51.9533, 56.9553, 33.8387



44.2811, 56.9553, 46.5085

Sweetspot

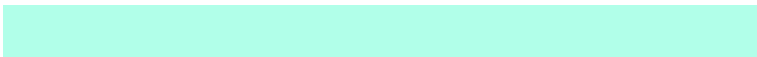
The Sweet Spot groups the original color and five complimentary colors.



56.3772, 56.9575, 102.6302



81.9863, 85.6669, 106.8220



68.5860, 86.7450, 90.1452



17.1254, 17.8689, 22.7964



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.



56.3772, 56.9575, 102.6302



50.2478, 49.9013, 101.5913



55.9959, 50.1220, 101.3309



17.4008, 18.1733, 22.8406



10.6371, 6.1837, 50.0675



1.1213, 0.7734, 4.9034

Inverse Universe

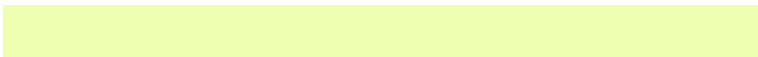
The Inverse Universe completely reimagines the original color for something new.



67.1563, 56.7829, 60.8491



62.7924, 50.1750, 52.8596



78.9898, 92.8890, 55.3628



18.2102, 18.0674, 19.7242



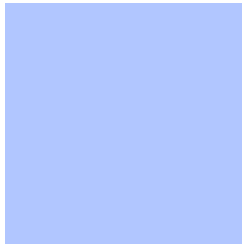
22.1573, 11.3522, 4.2128



2.2006, 1.1226, 0.6378

Previews

White Background



This preview shows how the XYZ color 56.3755, 56.9553, 102.6299 looks on a white background.

Color Contrast Check

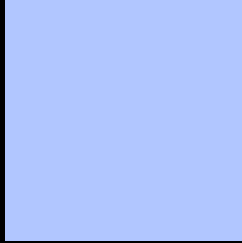
Large Text (above 18pt) WCAG AA × Fail

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 56.3755, 56.9553, 102.6299 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

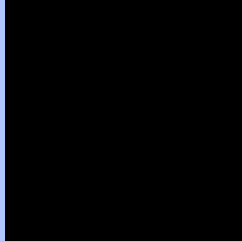
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.3755, 56.9553, 102.6299

Background



This preview shows how black text looks on a background with the XYZ color 56.3755, 56.9553, 102.6299.



This preview shows how white text looks on a background with the XYZ color 56.3755, 56.9553,

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

56.3755, 56.9553, 102.6299

Protanopia

57.3965, 56.8260, 101.7093

Deuteranopia

58.3041, 56.9416, 102.5256



Tritanopia

51.2216, 56.9522, 76.6998

Trichromacy



Original Color

56.3755, 56.9553, 102.6299

Protanomaly

56.9117, 56.9120, 101.7515

Deuteranomaly

57.5571, 56.8902, 102.5551

Tritanomaly

53.0621, 57.0085, 85.2979

Monochromacy



Original Color

56.3755, 56.9553, 102.6299

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

54.2155, 56.4498, 75.0563

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3755, 56.9553, 102.6299 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(177, 198, 255)` looks like.

```
.text, #text, p{  
    color:rgb(177, 198, 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(177, 198, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 198, 255) }
```

Border

The CSS property to change the border of an element to XYZ 56.3755, 56.9553, 102.6299 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(177, 198, 255) }
```


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

```
.border{ border-color:rgb(177, 198, 255) }
```

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

Here you see how a box with a 4 pixel rgb(177, 198, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 198, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 198, 255);  
box-shadow:4px 4px 4px 4px rgb(177, 198,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3755, 56.9553, 102.6299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 198, 255) }
```

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

```
.background{ background-color: rgb(177,  
198, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor