

Converting Colors

XYZ(60.2025, 55.8687,
102.2185)

Have a look what the booklet for
XYZ(60.2025, 55.8687, 102.2185)
contains.

XYZ(60.3350, 56.0327, 102.2431)	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(60.3350, 56.0327,
102.2431)**

Conversions

Conversions Part 1

Format	Color
Hex	C9BDFE
RGB	201, 189, 255
RGB Percent	79%, 74%, 100%
CMY	0.2118, 0.2588, 0.0000
CMYK	0.21, 0.26, 0.00, 0.00
HSL	251°, 100%, 87%
HSV	251°, 26%, 100%
XYZ	60.3350, 56.0327, 102.2431
YIQ	200.1120, -14.0340, 23.0700

Conversions

Conversions Part 2

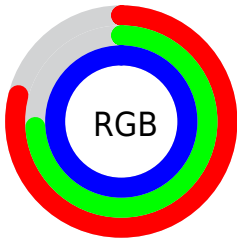
Format	Color
R _Y B	201, 189, 255
Decimal	13221375
CIE Lab	79.63, 17.51, -30.97
CIE LCh	80, 35.571, 299.481
Yxy	56.0327, 0.2760, 0.2563
Android (android.graphics.Color)	4291411455 (0xFFC9BDFF)
YUV	200.1120, 27.0598, 0.7788
Hunter-Lab	74.8550, 12.8792, -28.5847

Details

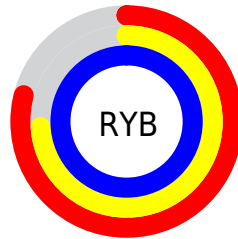
The XYZ color **60.3350, 56.0327, 102.2431** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.9084, 94.2492, 62.0214**, and the grayscale version is **54.8149, 57.6696, 62.8022**.

A 20% lighter version of the original color is **91.9424, 93.7848, 107.8641**, and **30.8513, 27.7965, 57.1653** is the 20% darker color. If you saturate the color by 10%, you get **50.0917, 43.3138, 100.3280**, and if you desaturate by 10%, it is **72.3078, 71.0773, 104.5160**.

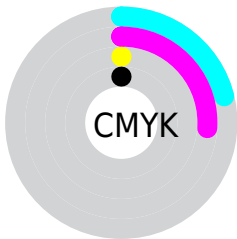
Distribution



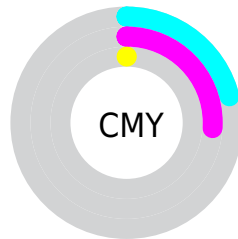
- Red (79%)
- Green (74%)
- Blue (100%)



- Red (79%)
- Yellow (74%)
- Blue (100%)



- Cyan (21%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)



- Cyan (21%)
- Magenta (26%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.3350, 56.0327, 102.2431 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 60.3350, 56.0327, 102.2431 by changing the saturation by 10% instead.

■ 60.3350, 56.0327,
102.2431

■ 60.3350, 56.0327,
102.2431

415.6465,
409.8147, 588.6686

■ 43.9392, 40.2291,
77.5479

■ 104.4191, 99.0524,
166.3150

■ 30.8204, 27.7172,
57.1884

132.8380,
127.0373, 206.5288

■ 20.6133, 18.1126,
40.7462

165.9954,
159.8515, 252.7524

■ 12.9525, 11.0309,
27.8026

204.2566,
197.8793, 305.4046

■ 7.4726, 6.0876,
17.9392

247.9870,
241.5051, 364.9037

■ 3.8083, 2.8984,
10.7373

297.5518,

■ 1.5943, 1.0789,

291.1133, 431.6684

5.7785

353.3165,
347.0884, 506.1172

■ 0.3887, 0.0000,
2.6443

■ 0.0000, 0.0000,
0.9152

■ 60.3350, 56.0327,
102.2431

■ 60.3350, 56.0327,
102.2431

■ 50.0917, 43.3138,
100.3280

■ 72.3078, 71.0773,
104.5160

■ 41.4918, 32.7973,
98.7514

■ 86.0805, 88.5494,
107.1626

■ 34.4494, 24.3583,
97.4937

95.0500, 100.0000,
108.9000

■ 28.8684, 17.8570,
96.5330

■ 24.6419, 13.1356,
95.8444

■ 21.6472, 10.0111,
95.3991

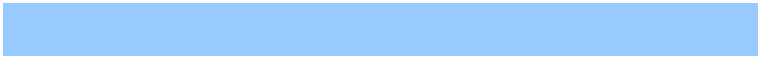
■ 19.7372, 8.2591,
95.1616

■ 19.1931, 7.8093,
95.1035

Harmonies

Analogous

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



53.1327, 56.0327, 109.6252



60.3350, 56.0327, 102.2431



66.0396, 56.0327, 83.3390

Triad

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



60.3350, 56.0327, 102.2431



60.5703, 56.0327, 32.9243



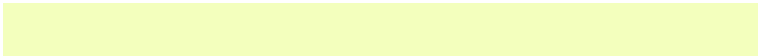
40.6260, 56.0327, 60.6533

Complementary

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



60.3350, 56.0327, 102.2431



81.9084, 94.2492, 62.0214

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.



42.2411, 56.0327, 43.0747



60.3350, 56.0327, 102.2431



53.3823, 56.0327, 29.4308

Square

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



60.3350, 56.0327, 102.2431



66.1838, 56.0327, 43.5675



46.7561, 56.0327, 32.6879



42.1342, 56.0327, 82.5791

Rectangle

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



60.3350, 56.0327, 102.2431



67.9958, 56.0327, 68.5062



46.7561, 56.0327, 32.6879



40.8192, 56.0327, 54.0818

Sweetspot

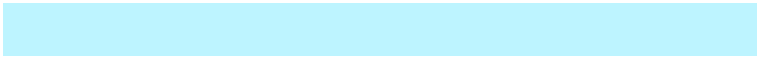
The Sweet Spot groups the original color and five complimentary colors.



60.3367, 56.0349, 102.2435



83.0076, 84.6385, 106.5696



71.3882, 82.7411, 106.8158



17.3110, 17.5365, 22.7225



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.



60.3367, 56.0349, 102.2435



54.8813, 49.2397, 101.2194



69.8532, 60.9409, 102.6888



17.3110, 17.5365, 22.7225



10.1169, 4.1259, 49.6977



1.0643, 0.4426, 4.8426

Inverse Universe

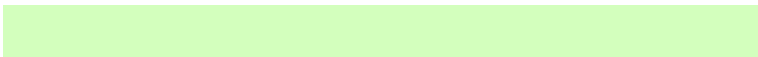
The Inverse Universe completely reimagines the original color for something new.



75.6164, 64.1281, 93.1876



72.5772, 58.6197, 90.4175



71.8105, 89.0436, 61.5488



18.6426, 18.2404, 22.0012



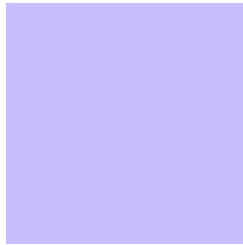
27.5902, 13.5254, 32.8220



2.7216, 1.3310, 3.3812

Previews

White Background



This preview shows how the XYZ color 60.3350, 56.0327, 102.2431 looks on a white background.

Color Contrast Check

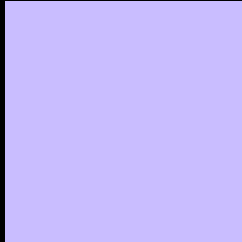
Large Text (above 18pt) WCAG AA × Fail

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 60.3350, 56.0327, 102.2431 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 60.3350, 56.0327, 102.2431

Background



This preview shows how black text looks on a background with the XYZ color 60.3350, 56.0327, 102.2431.

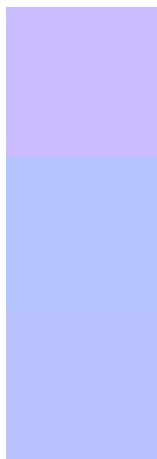


This preview shows how white text looks on a background with the XYZ color 60.3350, 56.0327,

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

60.3350, 56.0327, 102.2431

Protanopia

56.6212, 56.0740, 102.4468

Deuteranopia

57.4309, 56.1784, 101.5825



Tritanopia

53.9688, 56.0741, 70.9297

Trichromacy



Original Color

60.3350, 56.0327, 102.2431

Protanomaly

57.8590, 56.0513, 102.3772

Deuteranomaly

58.2249, 55.9314, 101.4930

Tritanomaly

56.0603, 55.9208, 81.2379

Monochromacy



Original Color

60.3350, 56.0327, 102.2431

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

56.4776, 56.9265, 75.7214

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.3350, 56.0327, 102.2431 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(201, 189, 255)` looks like.

```
.text, #text, p{  
    color:rgb(201, 189, 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(201, 189, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 189, 255) }
```

Border

The CSS property to change the border of an element to XYZ 60.3350, 56.0327, 102.2431 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(201, 189, 255) }
```


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

```
.border{ border-color:rgb(201, 189, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 189, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 189, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 189, 255);  
box-shadow:4px 4px 4px 4px rgb(201, 189,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 60.3350, 56.0327, 102.2431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 189, 255) }
```

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

```
.background{ background-color: rgb(201,  
189, 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