

Converting Colors

XYZ(72.0739, 60.0828,
164.4306)

Have a look what the booklet for
XYZ(72.0739, 60.0828, 164.4306)
contains.

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Color

**XYZ(60.1774, 55.3172,
102.1133)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | CABBFF |
| RGB | 202, 187, 255 |
| RGB Percent | 79%, 73%, 100% |
| CMY | 0.2078, 0.2666, 0.0000 |
| CMYK | 0.21, 0.27, 0.00, 0.00 |
| HSL | 253°, 100%, 87% |
| HSV | 253°, 27%, 100% |
| XYZ | 60.1774, 55.3172, 102.1133 |
| YIQ | 199.2370, -12.8880, 24.3280 |

Conversions

Conversions Part 2

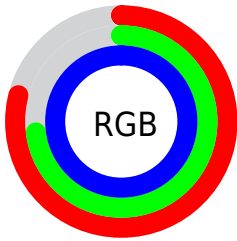
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 202, 187, 255 |
| Decimal | 13286399 |
| CIE Lab | 79.22, 18.89, -31.59 |
| CIE LCh | 79, 36.807, 300.885 |
| Yxy | 55.3172, 0.2765, 0.2542 |
| Android (android.graphics.Color) | 4291476479 (0xFFCABBFF) |
| YUV | 199.2370, 27.4912, 2.4232 |
| Hunter-Lab | 74.3755, 14.2675, -29.3389 |

Details

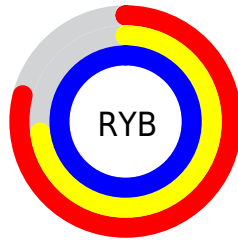
The XYZ color **60.1774, 55.3172, 102.1133** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **80.6658, 93.6336, 60.8376**, and the grayscale version is **54.2752, 57.1017, 62.1838**.

A 20% lighter version of the original color is **91.3406, 92.5812, 107.6635**, and **30.7508, 27.3305, 57.0806** is the 20% darker color. If you saturate the color by 10%, you get **50.2047, 42.8469, 100.2320**, and if you desaturate by 10%, it is **71.8065, 70.0698, 104.3480**.

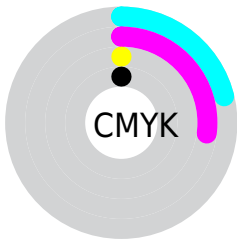
Distribution



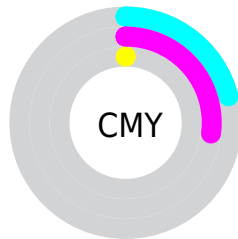
- Red (79%)
- Green (73%)
- Blue (100%)



- Red (79%)
- Yellow (73%)
- Blue (100%)



- Cyan (21%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)



- Cyan (21%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.1774, 55.3172, 102.1133 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 60.1774, 55.3172, 102.1133 by changing the saturation by 10% instead.

60.1774, 55.3172,
102.1133

60.1774, 55.3172,
102.1133

415.0756,
407.1132, 588.2515

43.8116, 39.6557,
77.4399

104.1918, 98.0055,
166.1355

30.7197, 27.2702,
57.1003

132.5713,
125.8012, 206.3213

20.5363, 17.7763,
40.6759

165.6859,
158.4104, 252.5151

12.8960, 10.7895,
27.7481

203.9012,
196.2176, 305.1353

7.4335, 5.9255,
17.8985

247.5825,
239.6070, 364.6005

3.7834, 2.7998,
10.7084

297.0950,

1.5803, 1.0281,

288.9632, 431.3293

5.7594

352.8043,
344.6704, 505.7401

■ 0.3795, 0.0000,
2.6330

■ 0.0000, 0.0000,
0.9094

■ 60.1774, 55.3172,
102.1133

■ 60.1774, 55.3172,
102.1133

■ 50.2047, 42.8469,
100.2320

■ 71.8065, 70.0698,
104.3480

■ 41.8063, 32.5373,
98.6846

■ 85.1590, 87.2051,
106.9517

■ 34.9006, 24.2652,
97.4519

95.0500, 100.0000,
108.9000

■ 29.3961, 17.8920,
96.5119

■ 25.1908, 13.2615,
95.8398

■ 22.1675, 10.1920,
95.4066

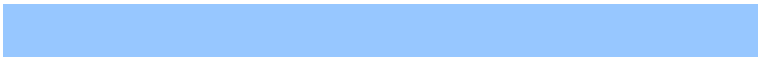
■ 20.1843, 8.4573,
95.1763

■ 19.6947, 8.0679,
95.1270

Harmonies

Analogous

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



52.7962, 55.3172, 110.4931



60.1774, 55.3172, 102.1133



65.9281, 55.3172, 82.1692

Triad

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



60.1774, 55.3172, 102.1133



59.7642, 55.3172, 31.3195



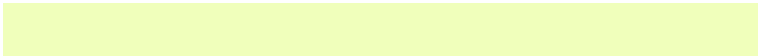
39.6647, 55.3172, 60.8591

Complementary

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



60.1774, 55.3172, 102.1133



80.6658, 93.6336, 60.8376

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.



41.1628, 55.3172, 42.5928



60.1774, 55.3172, 102.1133



52.3591, 55.3172, 28.1279

Square

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



60.1774, 55.3172, 102.1133



65.6743, 55.3172, 41.7381



45.6457, 55.3172, 31.7260



41.3487, 55.3172, 83.5099

Rectangle

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



60.1774, 55.3172, 102.1133



67.8164, 55.3172, 66.8787



45.6457, 55.3172, 31.7260



39.8114, 55.3172, 54.0391

Sweetspot

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



60.1791, 55.3194, 102.1137



83.2742, 84.7760, 106.5821



69.7835, 80.2632, 106.4221



17.3776, 17.5709, 22.7256



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.



60.1791, 55.3194, 102.1137



54.6568, 48.3890, 101.0670



70.3252, 60.5499, 102.5885



17.3776, 17.5709, 22.7256



10.3940, 4.2688, 49.7107



1.1004, 0.4612, 4.8443

Inverse Universe

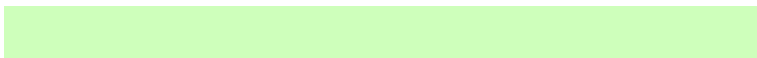
The Inverse Universe completely reimagines the original color for something new.



74.7396, 63.0938, 90.6785



71.5466, 57.4153, 87.4328



70.2586, 88.2685, 60.3506



18.6111, 18.2277, 21.8350



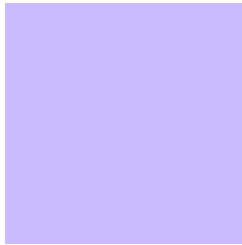
26.9788, 13.2808, 29.6023



2.6671, 1.3092, 3.0946

Previews

White Background



This preview shows how the XYZ color 60.1774, 55.3172, 102.1133 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 60.1774, 55.3172, 102.1133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

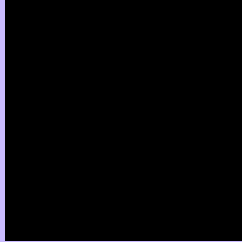
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.1774, 55.3172, 102.1133

Background



This preview shows how black text looks on a background with the XYZ color 60.1774, 55.3172, 102.1133.

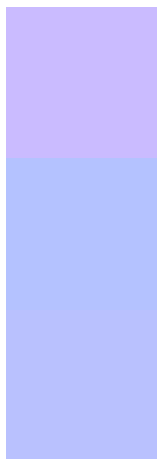


This preview shows how white text looks on a background with the XYZ color 60.1774, 55.3172,

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

60.1774, 55.3172, 102.1133

Protanopia

56.1642, 55.5069, 102.3615

Deuteranopia

56.9669, 55.6100, 101.4972



Tritanopia

53.5211, 55.2027, 69.4623

Trichromacy



Original Color

60.1774, 55.3172, 102.1133

Protanomaly

57.4198, 55.1730, 102.2308

Deuteranomaly

58.0061, 55.4937, 101.4200

Tritanomaly

55.7407, 55.1156, 80.3736

Monochromacy



Original Color

60.1774, 55.3172, 102.1133

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

56.1207, 56.4240, 74.9509

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1774, 55.3172, 102.1133 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(202, 187, 255)` looks like.

```
.text, #text, p{  
    color:rgb(202, 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(202, 187, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 187, 255) }
```

Border

The CSS property to change the border of an element to XYZ 60.1774, 55.3172, 102.1133 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(202, 187, 255) }
```


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

```
.border{ border-color:rgb(202, 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(202, 187, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 187, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 187, 255);  
box-shadow:4px 4px 4px 4px rgb(202, 187,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1774, 55.3172, 102.1133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 187, 255) }
```

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

```
.background{ background-color: rgb(202,  
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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