

Converting Colors

XYZ(60.2375, 55.0343,
102.0556)

Have a look what the booklet for
XYZ(60.2375, 55.0343, 102.0556)
contains.

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Color

**XYZ(60.2375, 55.0343,
102.0556)**

Conversions

Conversions Part 1

Format	Color
Hex	<code>CBBAFF</code>
RGB	<code>203, 186, 255</code>
RGB Percent	<code>80%, 73%, 100%</code>
CMY	<code>0.2039, 0.2706, 0.0000</code>
CMYK	<code>0.20, 0.27, 0.00, 0.00</code>
HSL	<code>255°, 100%, 86%</code>
HSV	<code>255°, 27%, 100%</code>
XYZ	<code>60.2375, 55.0343, 102.0556</code>
YIQ	<code>198.9490, -12.0170, 25.0630</code>

Conversions

Conversions Part 2

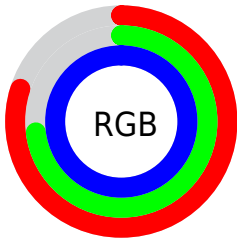
Format	Color
R _{YB}	203, 186, 255
Decimal	13351679
CIE _{Lab}	79.06, 19.74, -31.83
CIE _{LCh}	79, 37.454, 301.802
Yxy	55.0343, 0.2772, 0.2532
Android (android.graphics.Color)	4291541759 (0xFFCBBBAFF)
YUV	198.9490, 27.6331, 3.5527
Hunter-Lab	74.1851, 15.1161, -29.6350

Details

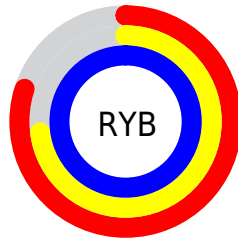
The XYZ color **60.2375, 55.0343, 102.0556** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **79.8837, 93.2427, 60.2440**, and the grayscale version is **54.0980, 56.9153, 61.9808**.

A 20% lighter version of the original color is **91.0421, 91.9843, 107.5640**, and **30.7933, 27.1482, 57.0432** is the 20% darker color. If you saturate the color by 10%, you get **50.4241, 42.7006, 100.1921**, and if you desaturate by 10%, it is **71.6614, 69.6238, 104.2695**.

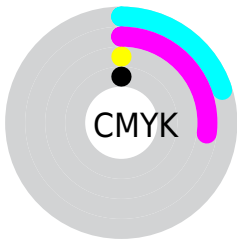
Distribution



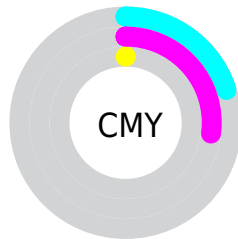
- Red (80%)
- Green (73%)
- Blue (100%)



- Red (80%)
- Yellow (73%)
- Blue (100%)



- Cyan (20%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.2375, 55.0343, 102.0556 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 60.2375, 55.0343, 102.0556 by changing the saturation by 10% instead.

60.2375, 55.0343,
102.0556

60.2375, 55.0343,
102.0556

415.2934,
406.0419, 588.0661

43.8603, 39.4292,
77.3919

104.2785, 97.5912,
166.0556

30.7581, 27.0938,
57.0611

132.6730,
125.3118, 206.2291

20.5657, 17.6437,
40.6446

165.8040,
157.8397, 252.4096

12.9175, 10.6945,
27.7239

204.0368,
195.5592, 305.0156

7.4484, 5.8618,
17.8804

247.7368,
238.8548, 364.4657

3.7929, 2.7612,
10.6956

297.2693,

1.5856, 1.0084,

288.1108, 431.1785

5.7510

352.9997,
343.7118, 505.5724

■ 0.3830, 0.0000,
2.6279

■ 0.0000, 0.0000,
0.9068

■ 60.2375, 55.0343,
102.0556

■ 60.2375, 55.0343,
102.0556

■ 50.4241, 42.7006,
100.1921

■ 71.6614, 69.6238,
104.2695

■ 42.1418, 32.5022,
98.6602

■ 84.7607, 86.5687,
106.8498

■ 35.3114, 24.3168,
97.4402

95.0500, 100.0000,
108.9000

■ 29.8444, 18.0070,
96.5105

■ 25.6418, 13.4177,
95.8462

■ 22.5899, 10.3679,
95.4183

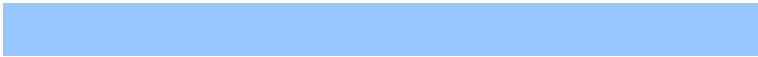
■ 20.5490, 8.6292,
95.1903

■ 20.0887, 8.2710,
95.1454

Harmonies

Analogous

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



52.7608, 55.0343, 111.0753



60.2375, 55.0343, 102.0556



65.9959, 55.0343, 81.5058

Triad

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



60.2375, 55.0343, 102.0556



59.3833, 55.0343, 30.5202



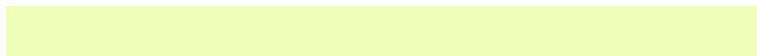
39.2414, 55.0343, 61.2240

Complementary

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



60.2375, 55.0343, 102.0556



79.8837, 93.2427, 60.2440

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.



40.6578, 55.0343, 42.5322



60.2375, 55.0343, 102.0556



51.8587, 55.0343, 27.5273

Square

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



60.2375, 55.0343, 102.0556



65.4707, 55.0343, 40.7767



45.1076, 55.0343, 31.3514



41.0403, 55.0343, 84.2833

Rectangle

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



60.2375, 55.0343, 102.0556



67.8291, 55.0343, 65.9739



45.1076, 55.0343, 31.3514



39.3567, 55.0343, 54.2539

Sweetspot

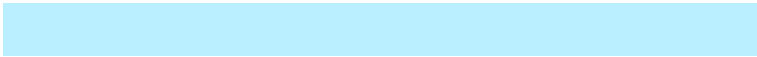
The Sweet Spot groups the original color and five complimentary colors.



60.2391, 55.0365, 102.0559



83.4523, 84.8677, 106.5904



69.1382, 79.3347, 106.2769



17.4222, 17.5938, 22.7277



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.



60.2391, 55.0365, 102.0559



55.1914, 48.6646, 101.0920



70.4018, 60.2755, 102.5315



17.4222, 17.5938, 22.7277



10.6093, 4.3798, 49.7208



1.1270, 0.4749, 4.8455

Inverse Universe

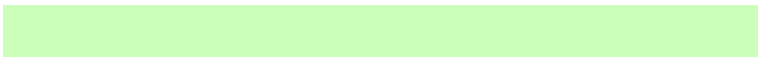
The Inverse Universe completely reimagines the original color for something new.



74.2326, 62.5527, 89.0514



71.2408, 57.2929, 85.8224



69.6358, 87.9597, 59.7644



18.5901, 18.2194, 21.7248



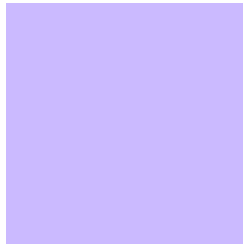
26.5929, 13.1264, 27.5703



2.6325, 1.2954, 2.9123

Previews

White Background



This preview shows how the XYZ color 60.2375, 55.0343, 102.0556 looks on a white background.

Color Contrast Check

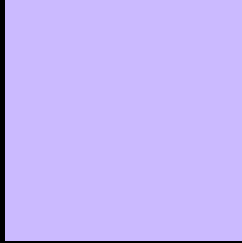
Large Text (above 18pt) WCAG AA × Fail

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 60.2375, 55.0343, 102.0556 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 60.2375, 55.0343, 102.0556

Background



This preview shows how black text looks on a background with the XYZ color 60.2375, 55.0343, 102.0556.



This preview shows how white text looks on a background with the XYZ color 60.2375, 55.0343,

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

60.2375, 55.0343, 102.0556

Protanopia

55.9322, 55.3873, 102.3506

Deuteranopia

56.5062, 55.0454, 101.4126



Tritanopia

53.4303, 54.8388, 68.7416

Trichromacy



Original Color

60.2375, 55.0343, 102.0556

Protanomaly

57.4198, 55.1730, 102.2308

Deuteranomaly

57.7887, 55.0590, 101.3476

Tritanomaly

55.6470, 54.7584, 79.5880

Monochromacy



Original Color

60.2375, 55.0343, 102.0556

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

55.8974, 55.9774, 74.8764

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.2375, 55.0343, 102.0556 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(203, 186, 255)` looks like.

```
.text, #text, p{  
    color:rgb(203, 186, 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(203, 186, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 186, 255) }
```

Border

The CSS property to change the border of an element to XYZ 60.2375, 55.0343, 102.0556 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(203, 186, 255) }
```


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

```
.border{ border-color:rgb(203, 186, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 186, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(203, 186, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(203, 186, 255); box-shadow:4px 4px 4px 4px rgb(203, 186, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 60.2375, 55.0343, 102.0556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 186, 255) }
```

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

```
.background{ background-color: rgb(203,  
186, 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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