

Converting Colors

XYZ(68.5241, 59.7706,
149.9027)

Have a look what the booklet for
XYZ(68.5241, 59.7706, 149.9027)
contains.

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Color

**XYZ(59.4458, 56.2174,
102.3256)**

Conversions

Conversions Part 1

Format	Color
Hex	C4BFFF
RGB	196, 191, 255
RGB Percent	77%, 75%, 100%
CMY	0.2314, 0.2510, 0.0000
CMYK	0.23, 0.25, 0.00, 0.00
HSL	245°, 100%, 87%
HSV	245°, 25%, 100%
XYZ	59.4458, 56.2174, 102.3256
YIQ	199.7910, -17.5640, 20.9640

Conversions

Conversions Part 2

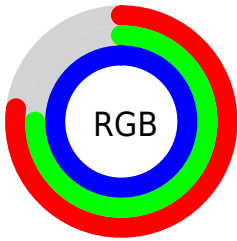
Format	Color
R_{YB}	196, 191, 255
Decimal	12894207
CIE _{Lab}	79.74, 14.93, -30.84
CIE _{LCh}	80, 34.262, 295.837
Yxy	56.2174, 0.2727, 0.2579
Android (android.graphics.Color)	4291084287 (0xFFC4BFFF)
YUV	199.7910, 27.2180, -3.3247
Hunter-Lab	74.9783, 10.3101, -28.4305

Details

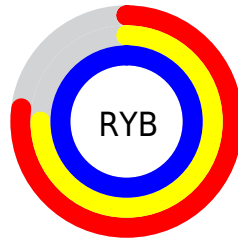
The XYZ color **59.4458, 56.2174, 102.3256** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **84.5891, 95.6059, 63.2881**, and the grayscale version is **54.6183, 57.4627, 62.5769**.

A 20% lighter version of the original color is **91.8188, 94.6242, 108.0327**, and **30.2660, 27.9169, 57.2194** is the 20% darker color. If you saturate the color by 10%, you get **48.7184, 43.1393, 100.3667**, and if you desaturate by 10%, it is **72.1027, 71.7299, 104.6528**.

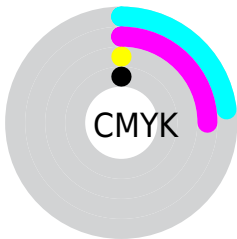
Distribution



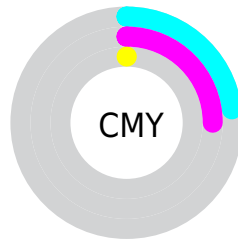
- Red (77%)
- Green (75%)
- Blue (100%)



- Red (77%)
- Yellow (75%)
- Blue (100%)



- Cyan (23%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)



- Cyan (23%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.4458, 56.2174, 102.3256 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 59.4458, 56.2174, 102.3256 by changing the saturation by 10% instead.

■ 59.4458, 56.2174,
102.3256

■ 59.4458, 56.2174,
102.3256

412.4195,
410.5103, 588.9335

■ 43.2198, 40.3773,
77.6165

■ 103.1362, 99.3224,
166.4291

■ 30.2529, 27.8328,
57.2444

131.3314,
127.3560, 206.6606

■ 20.1797, 18.1997,
40.7908

164.2471,
160.2229, 252.9033

■ 12.6347, 11.0934,
27.8372

202.2485,
198.3074, 305.5757

■ 7.2528, 6.1297,
17.9650

245.7011,
241.9941, 365.0964

■ 3.6684, 2.9241,
10.7557

294.9703,

■ 1.5163, 1.0922,

291.6671, 431.8839

5.7907

350.4213,
347.7111, 506.3568

■ 0.3369, 0.0000,
2.6515

■ 0.0000, 0.0000,
0.9189

■ 59.4458, 56.2174,
102.3256

■ 59.4458, 56.2174,
102.3256

■ 48.7184, 43.1393,
100.3667

■ 72.1027, 71.7299,
104.6528

■ 39.8207, 32.3657,
98.7562

■ 86.7722, 89.7848,
107.3646

■ 32.6519, 23.7648,
97.4739

95.0500, 100.0000,
108.9000

■ 27.0989, 17.1885,
96.4972

■ 23.0355, 12.4704,
95.8007

■ 20.3163, 9.4174,
95.3547

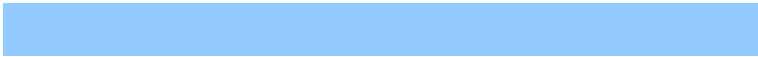
■ 18.7663, 7.7936,
95.1230

■ 18.3369, 7.3679,
95.0634

Harmonies

Analogous

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



52.4727, 56.2174, 107.6405



59.4458, 56.2174, 102.3256



65.2196, 56.2174, 85.2070

Triad

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



59.4458, 56.2174, 102.3256



61.2605, 56.2174, 34.7785



41.2277, 56.2174, 58.4860

Complementary

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



59.4458, 56.2174, 102.3256



84.5891, 95.6059, 63.2881

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.



43.1595, 56.2174, 42.2050



59.4458, 56.2174, 102.3256



54.4048, 56.2174, 30.5222

Square

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



59.4458, 56.2174, 102.3256



66.3291, 56.2174, 46.0567



47.8399, 56.2174, 32.9149



42.3270, 56.2174, 79.3713

Rectangle

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



59.4458, 56.2174, 102.3256



67.4044, 56.2174, 71.0190



47.8399, 56.2174, 32.9149



41.5393, 56.2174, 52.3507

Sweetspot

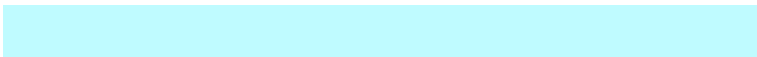
The Sweet Spot groups the original color and five complimentary colors.



59.4475, 56.2196, 102.3260



82.3003, 84.2739, 106.5365



73.9509, 87.1249, 107.5269



17.1344, 17.4455, 22.7142



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.



59.4475, 56.2196, 102.3260



53.9514, 49.5093, 101.3205



68.4450, 60.8580, 102.7471



17.1344, 17.4455, 22.7142



9.6275, 3.8737, 49.6748



0.9806, 0.3995, 4.8387

Inverse Universe

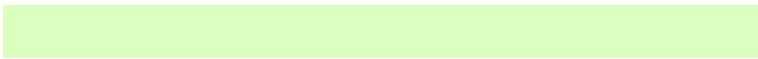
The Inverse Universe completely reimagines the original color for something new.



77.1272, 65.4256, 99.0066



74.3627, 60.1412, 97.3314



74.2984, 90.3009, 62.8065



18.7278, 18.2744, 22.4499



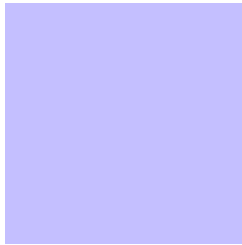
29.4160, 14.2557, 42.4368



2.8816, 1.3950, 4.2239

Previews

White Background



This preview shows how the XYZ color 59.4458, 56.2174, 102.3256 looks on a white background.

Color Contrast Check

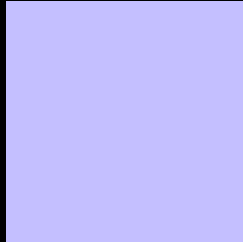
Large Text (above 18pt) WCAG AA × Fail

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 59.4458, 56.2174, 102.3256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

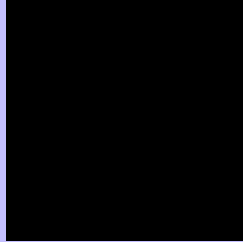
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.4458, 56.2174, 102.3256

Background



This preview shows how black text looks on a background with the XYZ color 59.4458, 56.2174, 102.3256.



This preview shows how white text looks on a background with the XYZ color 59.4458, 56.2174,

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

59.4458, 56.2174, 102.3256

Protanopia

56.8565, 56.1953, 102.4579

Deuteranopia

57.6747, 56.3041, 101.5939



Tritanopia

53.3001, 56.3933, 71.6941

Trichromacy



Original Color

59.4458, 56.2174, 102.3256

Protanomaly

57.8353, 56.3684, 102.4397

Deuteranomaly

58.1946, 56.2428, 101.5547

Tritanomaly

55.3686, 56.2134, 82.0608

Monochromacy



Original Color

59.4458, 56.2174, 102.3256

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

56.4377, 57.2419, 75.7844

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.4458, 56.2174, 102.3256 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(196, 191, 255)` looks like.

```
.text, #text, p{  
    color:rgb(196, 191, 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(196, 191, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 191, 255) }
```

Border

The CSS property to change the border of an element to XYZ 59.4458, 56.2174, 102.3256 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(196, 191, 255) }
```


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

```
.border{ border-color:rgb(196, 191, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 191, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 191, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 191, 255);  
box-shadow:4px 4px 4px 4px rgb(196, 191,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 59.4458, 56.2174, 102.3256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 191, 255) }
```

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

```
.background{ background-color: rgb(196,  
191, 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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