

Converting Colors

XYZ(59.4515, 56.2168,
100.6889)

Have a look what the booklet for
XYZ(59.4515, 56.2168, 100.6889)
contains.

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Color

**XYZ(59.3864, 56.2238,
100.6508)**

Conversions

Conversions Part 1

Format	Color
Hex	C5BFFD
RGB	197, 191, 253
RGB Percent	77%, 75%, 99%
CMY	0.2274, 0.2510, 0.0078
CMYK	0.22, 0.25, 0.00, 0.01
HSL	246°, 94%, 87%
HSV	246°, 25%, 99%
XYZ	59.3864, 56.2238, 100.6508
YIQ	199.8620, -16.3260, 20.5540

Conversions

Conversions Part 2

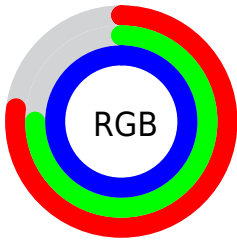
Format	Color
R_{YB}	197, 191, 253
Decimal	12959741
CIE _{Lab}	79.74, 14.77, -29.76
CIE _{LCh}	80, 33.222, 296.405
Yxy	56.2238, 0.2746, 0.2600
Android (android.graphics.Color)	4291149821 (0xFFC5BFFD)
YUV	199.8620, 26.1970, -2.5100
Hunter-Lab	74.9825, 10.1531, -27.0986

Details

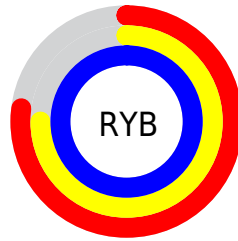
The XYZ color **59.3864, 56.2238, 100.6508** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.8887, 93.7877, 63.0268**, and the grayscale version is **54.6675, 57.5145, 62.6333**.

A 20% lighter version of the original color is **92.1838, 94.8124, 108.0497**, and **30.2076, 27.9133, 56.0202** is the 20% darker color. If you saturate the color by 10%, you get **48.8014, 43.2729, 98.7098**, and if you desaturate by 10%, it is **71.8350, 71.5528, 102.9544**.

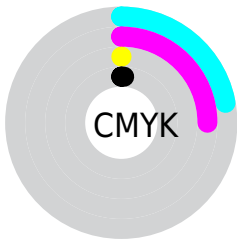
Distribution



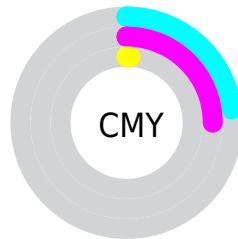
- Red (77%)
- Green (75%)
- Blue (99%)



- Red (77%)
- Yellow (75%)
- Blue (99%)



- Cyan (22%)
- Magenta (25%)
- Yellow (0%)
- Black (1%)



- Cyan (23%)
- Magenta (25%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.3864, 56.2238, 100.6508 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 59.3864, 56.2238, 100.6508 by changing the saturation by 10% instead.

■ 59.3864, 56.2238,
100.6508

■ 59.3864, 56.2238,
100.6508

412.2034,
410.5344, 583.5417

■ 43.1718, 40.3824,
76.2243

■ 103.0505, 99.3317,
164.1109

■ 30.2151, 27.8368,
56.1087

131.2307,
127.3670, 203.9816

■ 20.1508, 18.2027,
39.8855

164.1301,
160.2357, 249.8373

■ 12.6136, 11.0956,
27.1361

202.1141,
198.3223, 302.0967

■ 7.2382, 6.1312,
17.4422

245.5481,
242.0110, 361.1783

■ 3.6591, 2.9250,
10.3850

294.7974,

■ 1.5112, 1.0927,

291.6863, 427.5007

5.5460

350.2274,
347.7326, 501.4823

■ 0.3334, 0.0000,
2.5068

■ 0.0000, 0.0000,
0.8437

■ 59.3864, 56.2238,
100.6508

■ 59.3864, 56.2238,
100.6508

■ 48.8014, 43.2729,
98.7098

■ 71.8350, 71.5528,
102.9544

■ 39.9850, 32.5743,
97.1095

■ 86.2255, 89.3636,
105.6338

■ 32.8418, 24.0010,
95.8312

94.7298, 99.8719,
107.2139

■ 27.2652, 17.4106,
94.8530

■ 23.1363, 12.6431,
94.1504

■ 20.3189, 9.5136,
93.6948

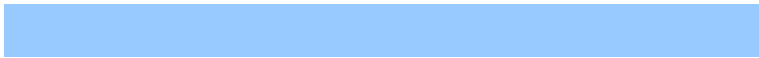
■ 18.6499, 7.7974,
93.4516

■ 18.1180, 7.2920,
93.3820

Harmonies

Analogous

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



52.6337, 56.2238, 106.0135



59.3864, 56.2238, 100.6508



64.9264, 56.2238, 84.0325

Triad

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



59.3864, 56.2238, 100.6508



60.9032, 56.2238, 35.3029



41.5655, 56.2238, 58.9293

Complementary

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



59.3864, 56.2238, 100.6508



82.8887, 93.7877, 63.0268

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.



43.3934, 56.2238, 42.9591



59.3864, 56.2238, 100.6508



54.2525, 56.2238, 31.2423

Square

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



59.3864, 56.2238, 100.6508



65.8523, 56.2238, 46.2081



47.9026, 56.2238, 33.7212



42.6928, 56.2238, 79.1705

Rectangle

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



59.3864, 56.2238, 100.6508



66.9907, 56.2238, 70.3242



47.9026, 56.2238, 33.7212



41.8505, 56.2238, 52.9342

Sweetspot

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



59.3882, 56.2261, 100.6521



83.9328, 86.2046, 106.8232



72.7333, 85.2021, 105.5416



17.7700, 18.2097, 22.8282



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.



59.3882, 56.2261, 100.6521



55.3737, 51.0055, 101.5343



68.0934, 60.7138, 101.0595



17.1660, 17.4618, 22.7157



9.6905, 3.9061, 49.6778



0.9955, 0.4071, 4.8394

Inverse Universe

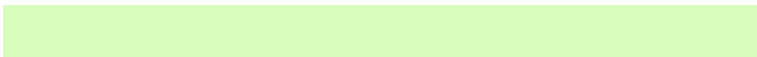
The Inverse Universe completely reimagines the original color for something new.



75.9290, 64.8619, 96.5154



74.6932, 61.0958, 96.5367



73.0967, 88.7397, 62.5685



18.7124, 18.2683, 22.3688



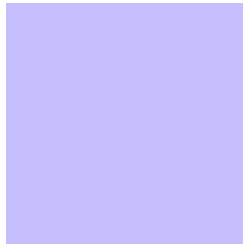
29.0670, 14.1161, 40.5987



2.8512, 1.3829, 4.0641

Previews

White Background



This preview shows how the XYZ color 59.3864, 56.2238, 100.6508 looks on a white background.

Color Contrast Check

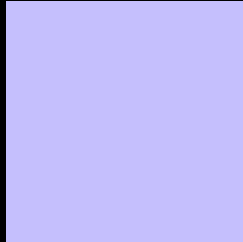
Large Text (above 18pt) WCAG AA × Fail

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 59.3864, 56.2238, 100.6508 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 59.3864, 56.2238, 100.6508

Background



This preview shows how black text looks on a background with the XYZ color 59.3864, 56.2238, 100.6508.



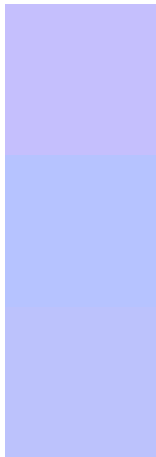
This preview shows how white text looks on a background with the XYZ color 59.3864, 56.2238,

100.6508.

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

59.3864, 56.2238, 100.6508

Protanopia

56.8565, 56.1953, 102.4579

Deuteranopia

57.6015, 56.3032, 99.9271



Tritanopia

53.5669, 56.1904, 71.6409

Trichromacy



Original Color

59.3864, 56.2238, 100.6508

Protanomaly

57.6747, 56.3041, 101.5939

Deuteranomaly

58.1265, 56.2446, 99.8882

Tritanomaly

55.5110, 55.9691, 81.2762

Monochromacy



Original Color

59.3864, 56.2238, 100.6508

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

56.3056, 57.1891, 75.0888

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.3864, 56.2238, 100.6508 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(197, 191, 253)` looks like.

```
.text, #text, p{  
    color:rgb(197, 191, 253)  
}
```

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(197, 191, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 191, 253) }
```

Border

The CSS property to change the border of an element to XYZ 59.3864, 56.2238, 100.6508 is called "border". The border property can be set on classes, ids or directly on the HTML element.

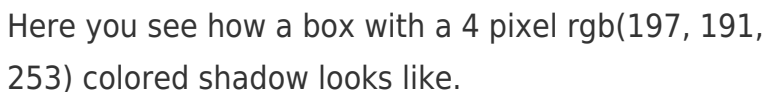
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 191, 253) }
```


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

```
.border{ border-color:rgb(197, 191, 253) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 191, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 191, 253); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 191, 253); box-shadow:4px 4px 4px 4px rgb(197, 191, 253) }
```

Background

The CSS property to change the background color of an element to XYZ 59.3864, 56.2238, 100.6508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 191, 253) }
```

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

```
.background{ background-color: rgb(197,  
191, 253) }
```

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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