

Converting Colors

XYZ(58.2780, 56.2340, 95.7527)

Have a look what the booklet for
XYZ(58.2780, 56.2340, 95.7527)
contains.

XYZ(58.1438, 56.0168, 95.7435)	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(58.1438, 56.0168,
95.7435)**

Conversions

Conversions Part 1

Format	Color
Hex	C3C0F7
RGB	195, 192, 247
RGB Percent	76%, 75%, 97%
CMY	0.2353, 0.2470, 0.0314
CMYK	0.21, 0.22, 0.00, 0.03
HSL	243°, 77%, 86%
HSV	243°, 22%, 97%
XYZ	58.1438, 56.0168, 95.7435
YIQ	199.1670, -15.8670, 17.7410

Conversions

Conversions Part 2

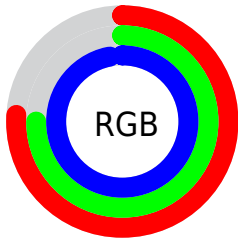
Format	Color
R _Y B	195, 192, 247
Decimal	12828919
CIE Lab	79.62, 12.28, -26.74
CIE LCh	80, 29.424, 294.664
Yxy	56.0168, 0.2770, 0.2669
Android (android.graphics.Color)	4291018999 (0xFFC3C0F7)
YUV	199.1670, 23.5817, -3.6545
Hunter-Lab	74.8444, 7.6923, -23.4548

Details

The XYZ color **58.1438, 56.0168, 95.7435** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **80.0852, 89.5618, 62.9379**, and the grayscale version is **54.2569, 57.0825, 62.1629**.

A 20% lighter version of the original color is **91.7623, 95.0503, 108.1179**, and **29.5114, 27.8457, 52.5345** is the 20% darker color. If you saturate the color by 10%, you get **47.5995, 43.1955, 93.8254**, and if you desaturate by 10%, it is **70.5455, 71.1493, 98.0117**.

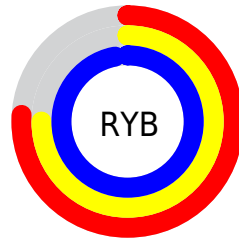
Distribution



Red (76%)

Green (75%)

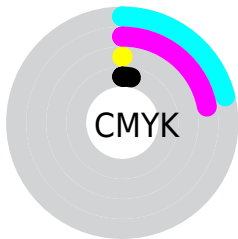
Blue (97%)



Red (76%)

Yellow (75%)

Blue (97%)

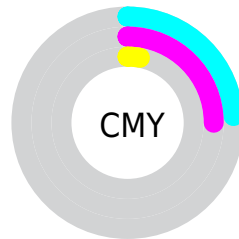


Cyan (21%)

Magenta (22%)

Yellow (0%)

Black (3%)



Cyan (24%)

Magenta (25%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.1438, 56.0168, 95.7435 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 58.1438, 56.0168, 95.7435 by changing the saturation by 10% instead.

■ 58.1438, 56.0168,
95.7435

■ 58.1438, 56.0168,
95.7435

407.6668,
409.7548, 567.5875

■ 42.1680, 40.2164,
72.1536

■ 101.2540, 99.0291,
157.2958

■ 29.4245, 27.7073,
52.7966

129.1191,
127.0099, 196.0953

■ 19.5481, 18.1051,
37.2538

161.6780,
159.8195, 240.8018

■ 12.1733, 11.0255,
25.1067

199.2960,
197.8424, 291.8337

■ 6.9349, 6.0840,
15.9368

242.3385,
241.4630, 349.6098

■ 3.4674, 2.8962,
9.3256

291.1710,

■ 1.4055, 1.0778,

291.0657, 414.5484

4.8545

346.1586,
347.0348, 487.0681

■ 0.2601, 0.0000,
2.1049

■ 0.0000, 0.0000,
0.6187

■ 58.1438, 56.0168,
95.7435

■ 58.1438, 56.0168,
95.7435

■ 47.5995, 43.1955,
93.8254

■ 70.5455, 71.1493,
98.0117

■ 38.8181, 32.5652,
92.2364

■ 84.8822, 88.6917,
100.6421

■ 31.7048, 24.0053,
90.9591

■ 93.7887, 99.4955,
102.2580

■ 26.1539, 17.3808,
89.9730

■ 22.0476, 12.5406,
89.2551

■ 19.2511, 9.3111,
88.7792

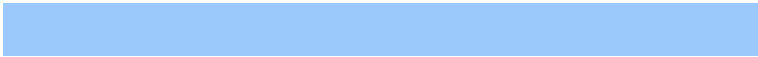
■ 17.6044, 7.4843,
88.5134

■ 16.9616, 6.8046,
88.4161

Harmonies

Analogous

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



52.1890, 56.0168, 99.6278



58.1438, 56.0168, 95.7435



63.0966, 56.0168, 81.8969

Triad

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



58.1438, 56.0168, 95.7435



60.1133, 56.0168, 38.0428



42.6769, 56.0168, 58.0061

Complementary

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



58.1438, 56.0168, 95.7435



80.0852, 89.5618, 62.9379

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.



44.4714, 56.0168, 43.9879



58.1438, 56.0168, 95.7435



54.3097, 56.0168, 33.9134

Square

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



58.1438, 56.0168, 95.7435



64.2915, 56.0168, 48.3549



48.6243, 56.0168, 35.8687



43.5376, 56.0168, 75.6605

Rectangle

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



58.1438, 56.0168, 95.7435



65.0134, 56.0168, 70.0437



48.6243, 56.0168, 35.8687



42.9853, 56.0168, 52.7572

Sweetspot

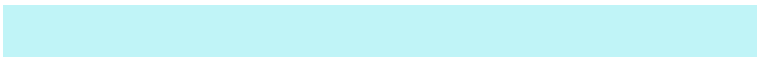
The Sweet Spot groups the original color and five complimentary colors.



58.1456, 56.0191, 95.7448



83.6789, 86.0737, 106.8113



70.9543, 82.7752, 100.2341



17.7114, 18.1795, 22.8254



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.



58.1456, 56.0191, 95.7448



56.8516, 53.3358, 101.9062



65.8409, 59.9861, 96.1049



15.6647, 15.9698, 20.7994



9.0059, 3.6170, 46.7615



0.8204, 0.3328, 4.1112

Inverse Universe

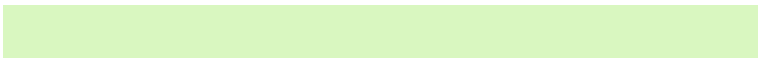
The Inverse Universe completely reimagines the original color for something new.



73.5383, 64.0073, 94.0690



76.2820, 63.4216, 99.6917



71.3179, 85.0421, 62.5276



17.1723, 16.7518, 20.6540



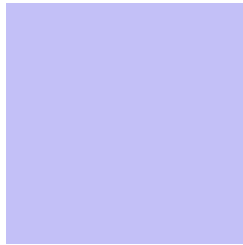
28.1228, 13.5926, 42.2165



2.4834, 1.1993, 3.7722

Previews

White Background



This preview shows how the XYZ color 58.1438, 56.0168, 95.7435 looks on a white background.

Color Contrast Check

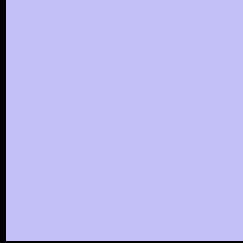
Large Text (above 18pt) WCAG AA × Fail

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 58.1438, 56.0168, 95.7435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

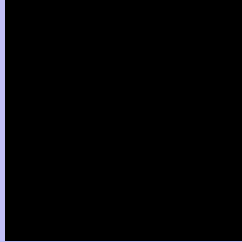
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.1438, 56.0168, 95.7435

Background



This preview shows how black text looks on a background with the XYZ color 58.1438, 56.0168, 95.7435.



This preview shows how white text looks on a background with the XYZ color 58.1438, 56.0168,

95.7435.

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

58.1438, 56.0168, 95.7435

Protanopia

56.3812, 56.0601, 97.4716

Deuteranopia

57.3443, 55.9317, 95.7692



Tritanopia

53.3179, 56.0620, 71.6292

Trichromacy



Original Color

58.1438, 56.0168, 95.7435

Protanomaly

56.9741, 56.0523, 96.6232

Deuteranomaly

57.5967, 56.0618, 95.7810

Tritanomaly

54.9533, 56.0472, 79.8734

Monochromacy



Original Color

58.1438, 56.0168, 95.7435

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

55.4233, 56.4435, 72.9393

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.1438, 56.0168, 95.7435 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(195, 192, 247)` looks like.

```
.text, #text, p{  
    color:rgb(195, 192, 247)  
}
```

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(195, 192, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 192, 247) }
```

Border

The CSS property to change the border of an element to XYZ 58.1438, 56.0168, 95.7435 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(195, 192, 247) }
```


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

```
.border{ border-color:rgb(195, 192, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 192, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 192, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 192, 247);  
box-shadow:4px 4px 4px 4px rgb(195, 192,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 58.1438, 56.0168, 95.7435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 192, 247) }
```

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

```
.background{ background-color: rgb(195,  
192, 247) }
```

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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