

Converting Colors

XYZ(61.5864, 56.8209,
119.3263)

Have a look what the booklet for
XYZ(61.5864, 56.8209, 119.3263)
contains.

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Color

**XYZ(58.4190, 55.6881,
102.2776)**

Conversions

Conversions Part 1

Format	Color
Hex	C0BFFF
RGB	192, 191, 255
RGB Percent	75%, 75%, 100%
CMY	0.2470, 0.2510, 0.0000
CMYK	0.25, 0.25, 0.00, 0.00
HSL	241°, 100%, 87%
HSV	241°, 25%, 100%
XYZ	58.4190, 55.6881, 102.2776
YIQ	198.5950, -19.9480, 20.1160

Conversions

Conversions Part 2

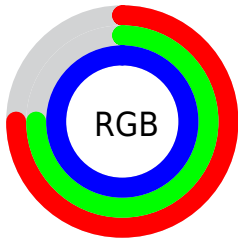
Format	Color
R_{YB}	192, 191, 255
Decimal	12632063
CIE _{Lab}	79.44, 13.76, -31.33
CIE _{LCh}	79, 34.213, 293.706
Yxy	55.6881, 0.2700, 0.2574
Android (android.graphics.Color)	4290822143 (0xFFC0BFFF)
YUV	198.5950, 27.8077, -5.7838
Hunter-Lab	74.6245, 9.1441, -29.0236

Details

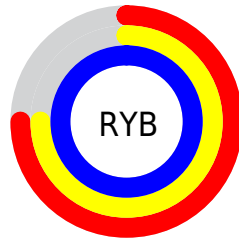
The XYZ color **58.4190, 55.6881, 102.2776** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **86.0380, 96.3529, 63.3559**, and the grayscale version is **53.8846, 56.6908, 61.7363**.

A 20% lighter version of the original color is **90.3777, 93.8813, 107.9652**, and **29.5980, 27.5725, 57.1881** is the 20% darker color. If you saturate the color by 10%, you get **47.5116, 42.5172, 100.3102**, and if you desaturate by 10%, it is **71.3817, 71.3583, 104.6190**.

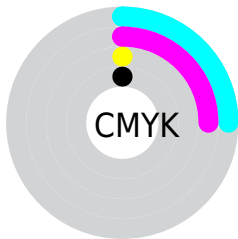
Distribution



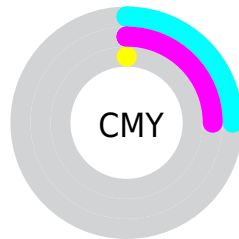
- Red (75%)
- Green (75%)
- Blue (100%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.4190, 55.6881, 102.2776 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 58.4190, 55.6881, 102.2776 by changing the saturation by 10% instead.

■ 58.4190, 55.6881,
102.2776

■ 58.4190, 55.6881,
102.2776

408.6742,
408.5150, 588.7794

■ 42.3902, 39.9529,
77.5766

■ 101.6522, 98.5484,
166.3627

■ 29.5994, 27.5018,
57.2118

129.5873,
126.4423, 206.5839

■ 19.6812, 17.9505,
40.7648

162.2219,
159.1579, 252.8155

■ 12.2705, 10.9144,
27.8171

199.9213,
197.0796, 305.4761

■ 7.0017, 6.0093,
17.9500

243.0509,
240.5917, 364.9843

■ 3.5095, 2.8508,
10.7450

291.9759,

■ 1.4286, 1.0543,

290.0787, 431.7585

5.7836

347.0619,
345.9250, 506.2174

■ 0.2764, 0.0000,
2.6473

■ 0.0000, 0.0000,
0.9167

■ 58.4190, 55.6881,
102.2776

■ 58.4190, 55.6881,
102.2776

■ 47.5116, 42.5172,
100.3102

■ 71.3817, 71.3583,
104.6190

■ 38.5495, 31.7104,
98.6967

■ 86.4924, 89.6406,
107.3515

■ 31.4198, 23.1296,
97.4162

95.0500, 100.0000,
108.9000

■ 25.9960, 16.6199,
96.4456

■ 22.1357, 12.0065,
95.7586

■ 19.6733, 9.0860,
95.3246

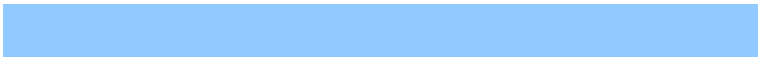
■ 18.4063, 7.6081,
95.1061

■ 18.0998, 7.2457,
95.0523

Harmonies

Analogous

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



51.4952, 55.6881, 106.5346



58.4190, 55.6881, 102.2776



64.3037, 55.6881, 85.8918

Triad

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



58.4190, 55.6881, 102.2776



61.1384, 55.6881, 34.9736



40.8582, 55.6881, 56.5821

Complementary

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



58.4190, 55.6881, 102.2776



86.0380, 96.3529, 63.3559

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.



42.9831, 55.6881, 40.8890



58.4190, 55.6881, 102.2776



54.3910, 55.6881, 30.2747

Square

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



58.4190, 55.6881, 102.2776



65.9663, 55.6881, 46.6643



47.7958, 55.6881, 32.1784



41.7351, 55.6881, 77.1478

Rectangle

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



58.4190, 55.6881, 102.2776



66.6449, 55.6881, 71.8778



47.7958, 55.6881, 32.1784



41.2387, 55.6881, 50.6301

Sweetspot

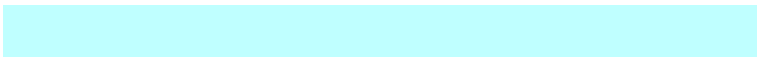
The Sweet Spot groups the original color and five complimentary colors.



58.4207, 55.6903, 102.2779



81.8779, 84.0561, 106.5168



75.2969, 89.8169, 107.9756



17.0292, 17.3913, 22.7093



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.



58.4207, 55.6903, 102.2779



52.8212, 48.9267, 101.2676



67.1138, 60.1717, 102.6848



17.0292, 17.3913, 22.7093



9.4689, 3.7919, 49.6674



0.9308, 0.3737, 4.8364

Inverse Universe

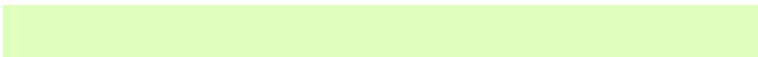
The Inverse Universe completely reimagines the original color for something new.



77.7613, 65.6793, 102.3459



75.1184, 60.4435, 101.3109



75.5965, 90.9701, 62.8672



18.7797, 18.2952, 22.7232



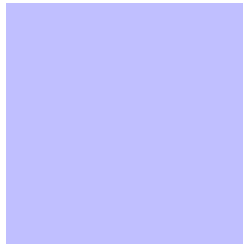
30.6545, 14.7511, 48.9587



2.9885, 1.4378, 4.7868

Previews

White Background



This preview shows how the XYZ color 58.4190, 55.6881, 102.2776 looks on a white background.

Color Contrast Check

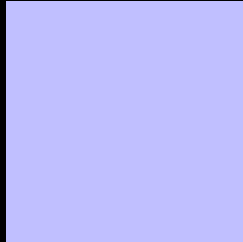
Large Text (above 18pt) WCAG AA × Fail

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 58.4190, 55.6881, 102.2776 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 58.4190, 55.6881, 102.2776

Background



This preview shows how black text looks on a background with the XYZ color 58.4190, 55.6881, 102.2776.

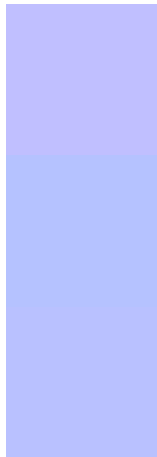


This preview shows how white text looks on a background with the XYZ color 58.4190, 55.6881,

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

58.4190, 55.6881, 102.2776

Protanopia

56.3978, 55.6273, 102.3724

Deuteranopia

57.1275, 55.6742, 102.3430



Tritanopia

52.3282, 55.8922, 71.6486

Trichromacy



Original Color

58.4190, 55.6881, 102.2776

Protanomaly

57.1275, 55.6742, 102.3430

Deuteranomaly

57.6387, 55.6106, 102.3038

Tritanomaly

54.3763, 55.7018, 82.0143

Monochromacy



Original Color

58.4190, 55.6881, 102.2776

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

55.2911, 56.3301, 74.9765

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.4190, 55.6881, 102.2776 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(192, 191, 255)` looks like.

```
.text, #text, p{  
    color:rgb(192, 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(192, 191, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 191, 255) }
```

Border

The CSS property to change the border of an element to XYZ 58.4190, 55.6881, 102.2776 is called "border". The border property can be set on classes, ids or directly on the HTML element.

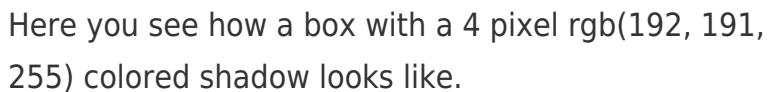
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(192, 191, 255) }
```


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

```
.border{ border-color:rgb(192, 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(192, 191, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 191, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 191, 255); box-shadow:4px 4px 4px 4px rgb(192, 191, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 58.4190, 55.6881, 102.2776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 191, 255) }
```

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

```
.background{ background-color: rgb(192,  
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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