

Converting Colors

XYZ(67.6713, 59.5654,
152.6780)

Have a look what the booklet for
XYZ(67.6713, 59.5654, 152.6780)
contains.

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Color

**XYZ(58.1348, 55.8664,
102.3270)**

Conversions

Conversions Part 1

Format	Color
Hex	BEC0FF
RGB	190, 192, 255
RGB Percent	75%, 75%, 100%
CMY	0.2549, 0.2470, 0.0000
CMYK	0.25, 0.25, 0.00, 0.00
HSL	238°, 100%, 87%
HSV	238°, 25%, 100%
XYZ	58.1348, 55.8664, 102.3270
YIQ	198.5840, -21.4150, 19.1690

Conversions

Conversions Part 2

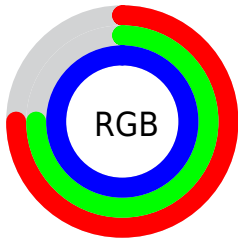
Format	Color
RYB	190, 192, 255
Decimal	12501247
CIELab	79.54, 12.63, -31.18
CIElCh	80, 33.642, 292.044
Yxy	55.8664, 0.2687, 0.2582
Android (android.graphics.Color)	4290691327 (0xFFBEC0FF)
YUV	198.5840, 27.8131, -7.5282
Hunter-Lab	74.7438, 8.0333, -28.8495

Details

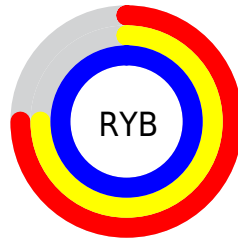
The XYZ color **58.1348, 55.8664, 102.3270** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **85.6595, 95.2278, 62.5829**, and the grayscale version is **53.8785, 56.6844, 61.7293**.

A 20% lighter version of the original color is **89.9752, 94.1290, 108.0342**, and **29.4173, 27.6934, 57.2210** is the 20% darker color. If you saturate the color by 10%, you get **47.3356, 42.9096, 100.3953**, and if you desaturate by 10%, it is **70.9627, 71.2243, 104.6153**.

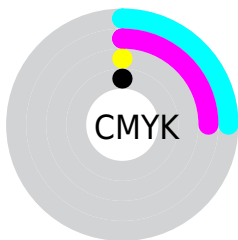
Distribution



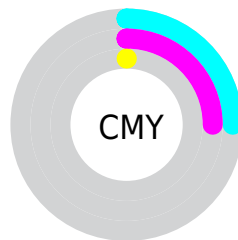
- Red (75%)
- Green (75%)
- Blue (100%)



- 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 58.1348, 55.8664, 102.3270 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 58.1348, 55.8664, 102.3270 by changing the saturation by 10% instead.

■ 58.1348, 55.8664,
102.3270

■ 58.1348, 55.8664,
102.3270

407.6338,
409.1878, 588.9380

■ 42.1607, 40.0958,
77.6176

■ 101.2410, 98.8092,
166.4310

■ 29.4188, 27.6133,
57.2454

129.1038,
126.7502, 206.6628

■ 19.5437, 18.0343,
40.7916

161.6602,
159.5169, 252.9058

■ 12.1702, 10.9746,
27.8378

199.2755,
197.4935, 305.5786

■ 6.9327, 6.0498,
17.9655

242.3152,
241.0645, 365.0996

■ 3.4660, 2.8754,
10.7560

291.1446,

■ 1.4047, 1.0670,

290.6143, 431.8875

5.7909

346.1290,
346.5273, 506.3608

■ 0.2596, 0.0000,
2.6516

■ 0.0000, 0.0000,
0.9189

■ 58.1348, 55.8664,
102.3270

■ 58.1348, 55.8664,
102.3270

■ 47.3356, 42.9096,
100.3953

■ 70.9627, 71.2243,
104.6153

■ 38.4566, 32.2265,
98.8012

■ 85.9105, 89.0891,
107.2757

■ 31.3868, 23.6879,
97.5257

95.0500, 100.0000,
108.9000

■ 26.0018, 17.1489,
96.5474

■ 22.1615, 12.4468,
95.8422

■ 19.7031, 9.3935,
95.3824

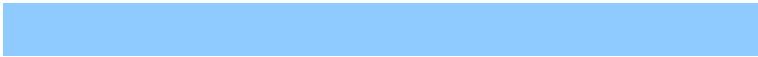
■ 18.4276, 7.7603,
95.1344

■ 18.1352, 7.3904,
95.0784

Harmonies

Analogous

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



51.3183, 55.8664, 105.7098



58.1348, 55.8664, 102.3270



64.0355, 55.8664, 86.7526

Triad

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



58.1348, 55.8664, 102.3270



61.5125, 55.8664, 35.9205



41.2256, 55.8664, 55.8145

Complementary

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



58.1348, 55.8664, 102.3270



85.6595, 95.2278, 62.5829

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.



43.4851, 55.8664, 40.6646



58.1348, 55.8664, 102.3270



54.9211, 55.8664, 30.8803

Square

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



58.1348, 55.8664, 102.3270



66.0981, 55.8664, 47.8859



48.3634, 55.8664, 32.4103



41.9273, 55.8664, 75.9165

Rectangle

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



58.1348, 55.8664, 102.3270



66.4661, 55.8664, 73.0578



48.3634, 55.8664, 32.4103



41.6567, 55.8664, 50.0471

Sweetspot

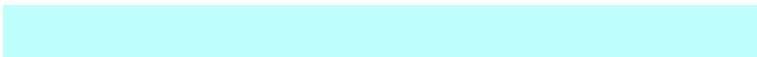
The Sweet Spot groups the original color and five complimentary colors.



58.1365, 55.8686, 102.3273



81.9527, 84.3615, 106.5718



74.6990, 89.5488, 106.1370



17.0478, 17.4673, 22.7230



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.



58.1365, 55.8686, 102.3273



51.9400, 48.4380, 101.2197



66.0808, 59.3162, 102.5741



17.0478, 17.4673, 22.7230



9.4954, 3.9004, 49.6870



0.9396, 0.4099, 4.8429

Inverse Universe

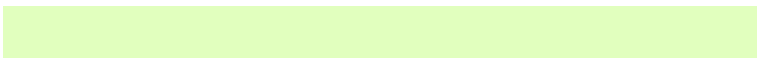
The Inverse Universe completely reimagines the original color for something new.



69.1690, 61.8941, 58.1726



64.8300, 55.5209, 49.6214



76.0025, 91.1921, 62.3130



18.0320, 17.9961, 18.7859



21.5810, 11.1217, 1.1783



2.1089, 1.0859, 0.1548

Previews

White Background



This preview shows how the XYZ color 58.1348, 55.8664, 102.3270 looks on a white background.

Color Contrast Check

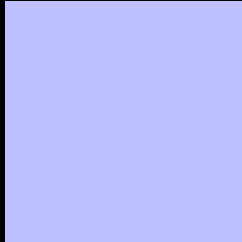
Large Text (above 18pt) WCAG AA × Fail

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 58.1348, 55.8664, 102.3270 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 58.1348, 55.8664, 102.3270

Background



This preview shows how black text looks on a background with the XYZ color 58.1348, 55.8664, 102.3270.



This preview shows how white text looks on a background with the XYZ color 58.1348, 55.8664,

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

58.1348, 55.8664, 102.3270

Protanopia

56.6212, 56.0740, 102.4468

Deuteranopia

57.1275, 55.6742, 102.3430



Tritanopia

51.9806, 55.6982, 72.3011

Trichromacy



Original Color

58.1348, 55.8664, 102.3270

Protanomaly

57.1090, 55.9939, 102.4057

Deuteranomaly

57.6135, 55.9247, 102.3657

Tritanomaly

54.0304, 55.5073, 82.7292

Monochromacy



Original Color

58.1348, 55.8664, 102.3270

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 58.1348, 55.8664, 102.3270 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(190, 192, 255)` looks like.

```
.text, #text, p{  
    color:rgb(190, 192, 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(190, 192, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 192, 255) }
```

Border

The CSS property to change the border of an element to XYZ 58.1348, 55.8664, 102.3270 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(190, 192, 255) }
```


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

```
.border{ border-color:rgb(190, 192, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 192, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 192, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 192, 255);  
box-shadow:4px 4px 4px 4px rgb(190, 192,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 58.1348, 55.8664, 102.3270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 192, 255) }
```

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

```
.background{ background-color: rgb(190,  
192, 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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