

Converting Colors

XYZ(57.2311, 55.8266,
102.3670)

Have a look what the booklet for
XYZ(57.2311, 55.8266, 102.3670)
contains.

XYZ(57.1275, 55.6742, 102.3430)	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(57.1275, 55.6742,
102.3430)**

Conversions

Conversions Part 1

Format	Color
Hex	B9C1FF
RGB	185, 193, 255
RGB Percent	73%, 76%, 100%
CMY	0.2745, 0.2431, 0.0000
CMYK	0.27, 0.24, 0.00, 0.00
HSL	233°, 100%, 86%
HSV	233°, 27%, 100%
XYZ	57.1275, 55.6742, 102.3430
YIQ	197.6760, -24.6700, 17.5860

Conversions

Conversions Part 2

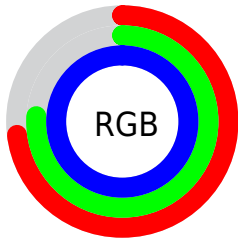
Format	Color
RYB	185, 192, 255
Decimal	12173823
CIELab	79.43, 10.63, -31.38
CIELCh	79, 33.134, 288.718
Yxy	55.6742, 0.2655, 0.2588
Android (android.graphics.Color)	4290363903 (0xFFB9C1FF)
YUV	197.6760, 28.2607, -11.1169
Hunter-Lab	74.6151, 6.0882, -29.0922

Details

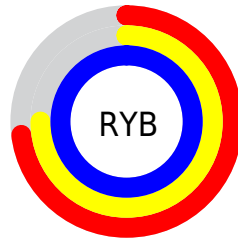
The XYZ color **57.1275, 55.6742, 102.3430** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **83.2578, 91.2839, 59.1320**, and the grayscale version is **53.3261, 56.1032, 61.0963**.

A 20% lighter version of the original color is **88.5436, 93.8486, 108.0556**, and **28.7770, 27.5792, 57.2327** is the 20% darker color. If you saturate the color by 10%, you get **46.9014, 43.5491, 100.5416**, and if you desaturate by 10%, it is **69.2225, 69.8971, 104.4508**.

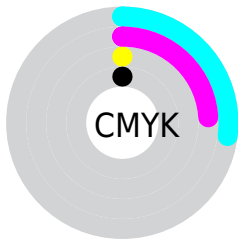
Distribution



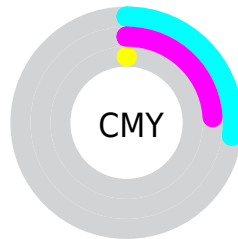
- Red (73%)
- Green (76%)
- Blue (100%)



- Red (73%)
- Yellow (75%)
- Blue (100%)



- Cyan (27%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (27%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.1275, 55.6742, 102.3430 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 57.1275, 55.6742, 102.3430 by changing the saturation by 10% instead.

■ 57.1275, 55.6742,
102.3430

■ 57.1275, 55.6742,
102.3430

403.9334,
408.4625, 588.9894

■ 41.3482, 39.9418,
77.6310

■ 99.7815, 98.5281,
166.4532

■ 28.7801, 27.4931,
57.2562

127.3868,
126.4183, 206.6884

■ 19.0580, 17.9439,
40.8003

159.6649,
159.1299, 252.9351

■ 11.8164, 10.9097,
27.8445

196.9810,
197.0473, 305.6118

■ 6.6901, 6.0062,
17.9705

239.7006,
240.5548, 365.1370

■ 3.3137, 2.8488,
10.7596

288.1889,

■ 1.3217, 1.0533,

290.0370, 431.9293

5.7933

342.8114,
345.8781, 506.4073

■ 0.1994, 0.0000,
2.6530

■ 0.0000, 0.0000,
0.9196

■ 57.1275, 55.6742,
102.3430

■ 57.1275, 55.6742,
102.3430

■ 46.9014, 43.5491,
100.5416

■ 69.2225, 69.8971,
104.4508

■ 38.4458, 33.4162,
99.0314

■ 83.2684, 86.3041,
106.8774

■ 31.6608, 25.1699,
97.7973

95.0500, 100.0000,
108.9000

■ 26.4343, 18.6927,
96.8226

■ 22.6405, 13.8534,
96.0884

■ 20.1333, 10.5023,
95.5737

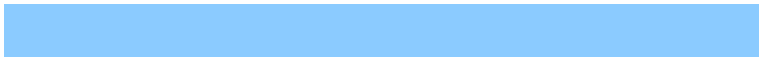
■ 18.7297, 8.4586,
95.2532

■ 18.4930, 8.1060,
95.1977

Harmonies

Analogous

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



50.4541, 55.6742, 104.0960



57.1275, 55.6742, 102.3430



63.1199, 55.6742, 88.1354

Triad

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



57.1275, 55.6742, 102.3430



61.8100, 55.6742, 37.0528



41.3404, 55.6742, 53.7334

Complementary

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



57.1275, 55.6742, 102.3430



83.2578, 91.2839, 59.1320

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.



43.8768, 55.6742, 39.5250



57.1275, 55.6742, 102.3430



55.4581, 55.6742, 31.3299

Square

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



57.1275, 55.6742, 102.3430



65.9758, 55.6742, 49.6099



48.9180, 55.6742, 32.1283



41.7056, 55.6742, 73.1488

Rectangle

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



57.1275, 55.6742, 102.3430



65.7494, 55.6742, 74.9078



48.9180, 55.6742, 32.1283



41.8728, 55.6742, 48.2749

Sweetspot

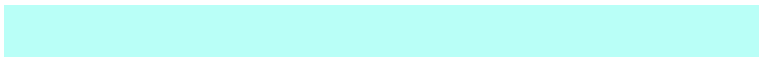
The Sweet Spot groups the original color and five complimentary colors.



57.1291, 55.6763, 102.3433



82.4435, 85.3430, 106.7354



72.5312, 88.5398, 101.1283



17.1702, 17.7119, 22.7637



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.



57.1291, 55.6763, 102.3433



51.2280, 48.6931, 101.3065



62.5035, 55.8918, 102.1016



17.1702, 17.7119, 22.7637



9.7158, 4.3411, 49.7604



0.9974, 0.5255, 4.8621

Inverse Universe

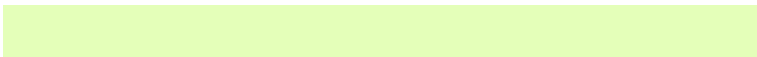
The Inverse Universe completely reimagines the original color for something new.



68.2157, 59.8096, 58.4034



64.0606, 53.6436, 50.4086



76.5655, 91.5444, 59.5350



18.0938, 18.0208, 19.1110



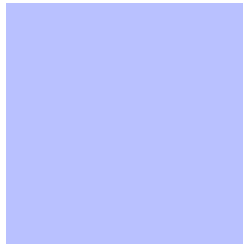
21.6923, 11.1662, 1.7640



2.1381, 1.0976, 0.3084

Previews

White Background



This preview shows how the XYZ color 57.1275, 55.6742, 102.3430 looks on a white background.

Color Contrast Check

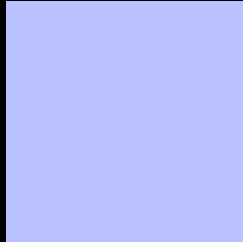
Large Text (above 18pt) WCAG AA × Fail

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 57.1275, 55.6742, 102.3430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

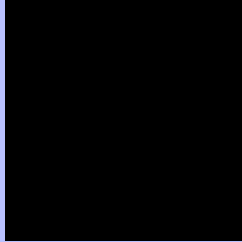
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.1275, 55.6742, 102.3430

Background



This preview shows how black text looks on a background with the XYZ color 57.1275, 55.6742, 102.3430.



This preview shows how white text looks on a background with the XYZ color 57.1275, 55.6742,

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

57.1275, 55.6742, 102.3430

Protanopia

56.1642, 55.5069, 102.3615

Deuteranopia

56.8871, 55.5503, 102.3317



Tritanopia

51.1804, 55.6135, 73.0027

Trichromacy



Original Color

57.1275, 55.6742, 102.3430

Protanomaly

56.6332, 55.7487, 102.3834

Deuteranomaly

56.8871, 55.5503, 102.3317

Tritanomaly

53.0716, 55.3490, 82.7492

Monochromacy



Original Color

57.1275, 55.6742, 102.3430

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

54.5184, 55.9318, 74.9403

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1275, 55.6742, 102.3430 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(185, 193, 255)` looks like.

```
.text, #text, p{  
    color:rgb(185, 193, 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(185, 193, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 193, 255) }
```

Border

The CSS property to change the border of an element to XYZ 57.1275, 55.6742, 102.3430 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(185, 193, 255) }
```


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

```
.border{ border-color:rgb(185, 193, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 193, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 193, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 193, 255);  
box-shadow:4px 4px 4px 4px rgb(185, 193,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1275, 55.6742, 102.3430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 193, 255) }
```

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

```
.background{ background-color: rgb(185,  
193, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor