

Converting Colors

XYZ(56.7870, 53.4056,
107.6778)

Have a look what the booklet for
XYZ(56.7870, 53.4056, 107.6778)
contains.

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Color

**XYZ(55.8279, 53.0749,
101.9098)**

Conversions

Conversions Part 1

Format	Color
Hex	B9BBFF
RGB	185, 187, 255
RGB Percent	73%, 73%, 100%
CMY	0.2745, 0.2667, 0.0000
CMYK	0.27, 0.27, 0.00, 0.00
HSL	238°, 100%, 86%
HSV	238°, 27%, 100%
XYZ	55.8279, 53.0749, 101.9098
YIQ	194.1540, -23.0200, 20.7240

Conversions

Conversions Part 2

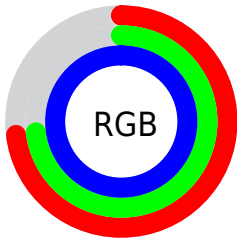
Format	Color
R _Y B	185, 187, 255
Decimal	12172287
CIE Lab	77.92, 13.91, -33.71
CIE LCh	78, 36.465, 292.429
Yxy	53.0749, 0.2648, 0.2518
Android (android.graphics.Color)	4290362367 (0xFFB9BBFF)
YUV	194.1540, 29.9971, -8.0281
Hunter-Lab	72.8525, 9.2951, -31.9411

Details

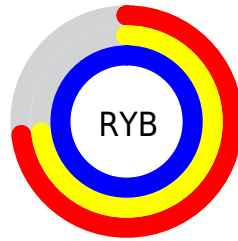
The XYZ color **55.8279, 53.0749, 101.9098** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **85.1225, 95.0132, 59.7537**, and the grayscale version is **51.2084, 53.8753, 58.6702**.

A 20% lighter version of the original color is **86.7185, 90.1984, 107.4472**, and **27.9241, 25.8732, 56.9484** is the 20% darker color. If you saturate the color by 10%, you get **45.4094, 40.5651, 100.0443**, and if you desaturate by 10%, it is **68.2591, 67.9702, 104.1297**.

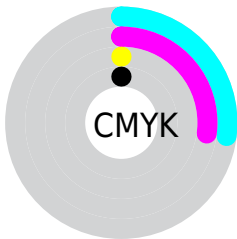
Distribution



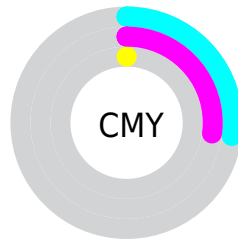
- Red (73%)
- Green (73%)
- Blue (100%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.8279, 53.0749, 101.9098 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 55.8279, 53.0749, 101.9098 by changing the saturation by 10% instead.

■ 55.8279, 53.0749,
101.9098

■ 55.8279, 53.0749,
101.9098

399.1282,
398.5724, 587.5974

■ 40.3014, 37.8626,
77.2707

■ 97.8942, 94.7146,
165.8539

■ 27.9589, 25.8760,
56.9622

125.1647,
121.9107, 205.9960

■ 18.4350, 16.7309,
40.5657

157.0806,
153.8702, 252.1429

■ 11.3643, 10.0428,
27.6628

194.0072,
190.9775, 304.7130

■ 6.3815, 5.4274,
17.8348

236.3099,
233.6170, 364.1250

■ 3.1213, 2.5001,
10.6632

284.3541,

■ 1.2182, 0.8767,

282.1730, 430.7974

5.7295

338.5050,
337.0300, 505.1486

■ 0.1207, 0.0000,
2.6152

■ 0.0000, 0.0000,
0.9003

■ 55.8279, 53.0749,
101.9098

■ 55.8279, 53.0749,
101.9098

■ 45.4094, 40.5651,
100.0443

■ 68.2591, 67.9702,
104.1297

■ 36.8934, 30.3113,
98.5139

■ 82.7961, 85.3594,
106.7199

■ 30.1663, 22.1810,
97.2992

95.0500, 100.0000,
108.9000

■ 25.1006, 16.0253,
96.3780

■ 21.5519, 11.6761,
95.7255

■ 19.3510, 8.9375,
95.3129

■ 18.2832, 7.5655,
95.1044

■ 18.1291, 7.3782,
95.0764

Harmonies

Analogous

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



48.6712, 53.0749, 105.7714



55.8279, 53.0749, 101.9098



62.0404, 53.0749, 85.0127

Triad

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



55.8279, 53.0749, 101.9098



59.2230, 53.0749, 32.0405



38.1038, 53.0749, 52.7967

Complementary

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



55.8279, 53.0749, 101.9098



85.1225, 95.0132, 59.7537

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.



40.3946, 53.0749, 37.1036



55.8279, 53.0749, 101.9098



52.2636, 53.0749, 27.0854

Square

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



55.8279, 53.0749, 101.9098



64.1250, 53.0749, 44.1373



45.4218, 53.0749, 28.6927



38.8655, 53.0749, 74.0013

Rectangle

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



55.8279, 53.0749, 101.9098



64.5898, 53.0749, 70.3950



45.4218, 53.0749, 28.6927



38.5343, 53.0749, 46.7866

Sweetspot

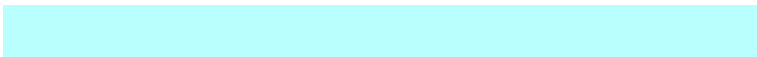
The Sweet Spot groups the original color and five complimentary colors.



55.8295, 53.0769, 101.9101



81.9398, 84.3357, 106.5675



73.4450, 88.9053, 105.9399



17.0446, 17.4609, 22.7219



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.



55.8295, 53.0769, 101.9101



49.8044, 45.8461, 100.8319



64.2140, 56.7737, 102.1817



17.0446, 17.4609, 22.7219



9.4908, 3.8913, 49.6854



0.9381, 0.4069, 4.8424

Inverse Universe

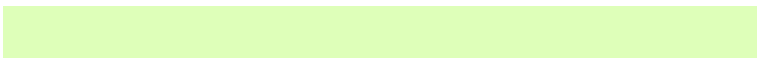
The Inverse Universe completely reimagines the original color for something new.



67.5597, 59.5473, 54.9488



63.3421, 53.3562, 46.6249



74.7442, 90.6055, 59.4499



18.0304, 17.9955, 18.7774



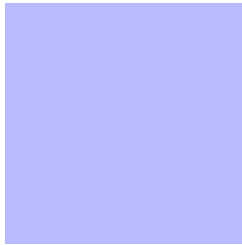
21.5787, 11.1208, 1.1662



2.1081, 1.0856, 0.1508

Previews

White Background



This preview shows how the XYZ color 55.8279, 53.0749, 101.9098 looks on a white background.

Color Contrast Check

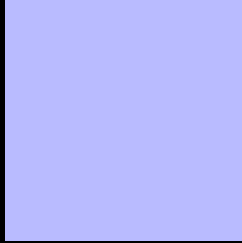
Large Text (above 18pt) WCAG AA × Fail

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 55.8279, 53.0749, 101.9098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

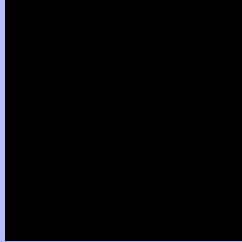
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.8279, 53.0749, 101.9098

Background



This preview shows how black text looks on a background with the XYZ color 55.8279, 53.0749, 101.9098.

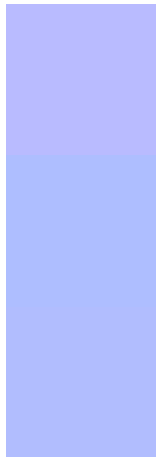


This preview shows how white text looks on a background with the XYZ color 55.8279, 53.0749,

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

55.8279, 53.0749, 101.9098

Protanopia

53.9190, 53.0456, 102.0047

Deuteranopia

54.2185, 52.8981, 101.1187



Tritanopia

49.1775, 52.9635, 69.2591

Trichromacy



Original Color

55.8279, 53.0749, 101.9098

Protanomaly

54.6077, 53.0802, 101.9751

Deuteranomaly

54.6950, 52.8255, 101.0795

Tritanomaly

51.3052, 52.8290, 80.1660

Monochromacy



Original Color

55.8279, 53.0749, 101.9098

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

52.5113, 53.2958, 72.4852

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.8279, 53.0749, 101.9098 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, 187, 255)` looks like.

```
.text, #text, p{  
    color:rgb(185, 187, 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, 187, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 187, 255) }
```

Border

The CSS property to change the border of an element to XYZ 55.8279, 53.0749, 101.9098 is called "border". The border property can be set on classes, ids or directly on the HTML element.

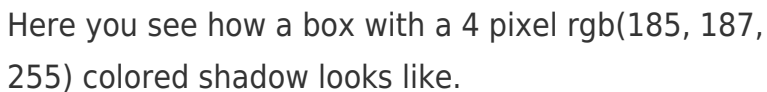
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 187, 255) }
```


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

```
.border{ border-color:rgb(185, 187, 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, 187, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 187, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 187, 255); box-shadow:4px 4px 4px 4px rgb(185, 187, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 55.8279, 53.0749, 101.9098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 187, 255) }
```

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

```
.background{ background-color: rgb(185,  
187, 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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