

Converting Colors

XYZ(55.9169, 52.6634, 96.7831)

Have a look what the booklet for
XYZ(55.9169, 52.6634, 96.7831)
contains.

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Color

**XYZ(55.9337, 52.6138,
96.8300)**

Conversions

Conversions Part 1

Format	Color
Hex	BFB9F9
RGB	191, 185, 249
RGB Percent	75%, 73%, 98%
CMY	0.2510, 0.2745, 0.0235
CMYK	0.23, 0.26, 0.00, 0.02
HSL	246°, 84%, 85%
HSV	246°, 26%, 98%
XYZ	55.9337, 52.6138, 96.8300
YIQ	194.0900, -16.9680, 21.1760

Conversions

Conversions Part 2

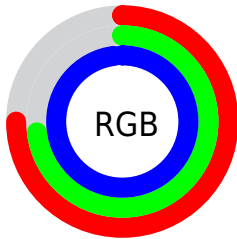
Format	Color
RYB	191, 185, 249
Decimal	12564985
CIELab	77.65, 15.35, -30.87
CIELCh	78, 34.477, 296.442
Yxy	52.6138, 0.2723, 0.2562
Android (android.graphics.Color)	4290755065 (0xFFBFB9F9)
YUV	194.0900, 27.0706, -2.7099
Hunter-Lab	72.5354, 10.7086, -28.3735

Details

The XYZ color **55.9337, 52.6138, 96.8300** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **79.5962, 90.3100, 59.1375**, and the grayscale version is **51.1849, 53.8505, 58.6432**.

A 20% lighter version of the original color is **88.2167, 90.0871, 107.3468**, and **27.9190, 25.5425, 53.3279** is the 20% darker color. If you saturate the color by 10%, you get **45.9295, 40.3901, 94.9988**, and if you desaturate by 10%, it is **67.7279, 67.1168, 99.0086**.

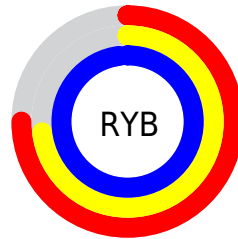
Distribution



Red (75%)

Green (73%)

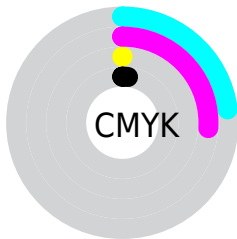
Blue (98%)



Red (75%)

Yellow (73%)

Blue (98%)

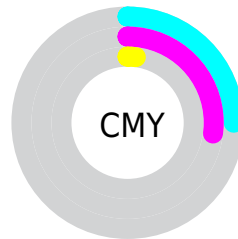


Cyan (23%)

Magenta (26%)

Yellow (0%)

Black (2%)



Cyan (25%)

Magenta (27%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.9337, 52.6138, 96.8300 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 55.9337, 52.6138, 96.8300 by changing the saturation by 10% instead.

■ 55.9337, 52.6138,
96.8300

■ 55.9337, 52.6138,
96.8300

399.5207,
396.8017, 571.1404

■ 40.3866, 37.4946,
73.0537

■ 98.0480, 94.0358,
158.8077

■ 28.0256, 25.5906,
53.5278

125.3459,
121.1074, 197.8462

■ 18.4855, 16.5176,
37.8337

157.2914,
152.9319, 242.8091

■ 11.4009, 9.8912,
25.5528

194.2499,
189.8937, 294.1152

■ 6.4065, 5.3269,
16.2666

236.5867,
232.3772, 352.1828

■ 3.1368, 2.4403,
9.5566

284.6672,

■ 1.2265, 0.8465,

280.7667, 417.4305

5.0043

338.8567,
335.4467, 490.2768

■ 0.1271, 0.0000,
2.1910

■ 0.0000, 0.0000,
0.6692

■ 55.9337, 52.6138,
96.8300

■ 55.9337, 52.6138,
96.8300

■ 45.9295, 40.3901,
94.9988

■ 67.7279, 67.1168,
99.0086

■ 37.6226, 30.3236,
93.4935

■ 81.3882, 84.0001,
101.5475

■ 30.9199, 22.2906,
92.2963

■ 94.0991, 99.6196,
103.8924

■ 25.7171, 16.1520,
91.3856

■ 21.8975, 11.7514,
90.7375

■ 19.3270, 8.9070,
90.3240

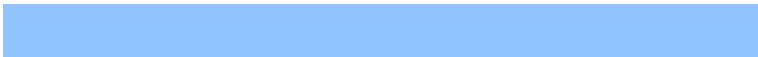
■ 17.8439, 7.3962,
90.1106

■ 17.4603, 7.0258,
90.0593

Harmonies

Analogous

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



49.2169, 52.6138, 102.2764



55.9337, 52.6138, 96.8300



61.4643, 52.6138, 80.0625

Triad

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



55.9337, 52.6138, 96.8300



57.4309, 52.6138, 31.8245



38.2777, 52.6138, 55.0402

Complementary

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



55.9337, 52.6138, 96.8300



79.5962, 90.3100, 59.1375

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.



40.0715, 52.6138, 39.3016



55.9337, 52.6138, 96.8300



50.8072, 52.6138, 27.9112

Square

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



55.9337, 52.6138, 96.8300



62.3813, 52.6138, 42.4503



44.5160, 52.6138, 30.3102



39.3894, 52.6138, 75.2324

Rectangle

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



55.9337, 52.6138, 96.8300



63.5279, 52.6138, 66.3285



44.5160, 52.6138, 30.3102



38.5565, 52.6138, 49.1078

Sweetspot

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



55.9354, 52.6159, 96.8312



82.4064, 84.3286, 106.5415



69.3584, 81.6561, 101.7291



17.1609, 17.4592, 22.7154



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.



55.9354, 52.6159, 96.8312



53.1798, 48.3626, 101.1398



64.6759, 57.1218, 97.2402



16.4339, 16.7208, 21.7466



9.3964, 3.7867, 48.2092



0.9195, 0.3761, 4.4673

Inverse Universe

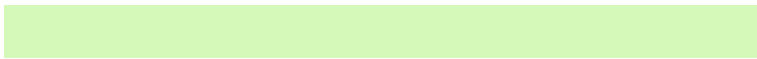
The Inverse Universe completely reimagines the original color for something new.



72.5950, 61.3107, 92.8035



73.6352, 59.0429, 95.9891



69.6895, 85.2029, 58.6739



17.9188, 17.4949, 21.4279



28.2637, 13.7212, 39.6925



2.6375, 1.2788, 3.7807

Previews

White Background



This preview shows how the XYZ color 55.9337, 52.6138, 96.8300 looks on a white background.

Color Contrast Check

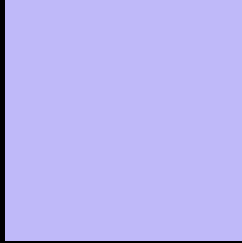
Large Text (above 18pt) WCAG AA × Fail

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 55.9337, 52.6138, 96.8300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

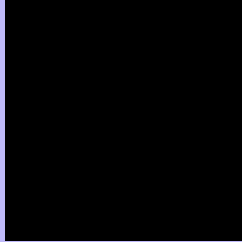
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.9337, 52.6138, 96.8300

Background



This preview shows how black text looks on a background with the XYZ color 55.9337, 52.6138, 96.8300.



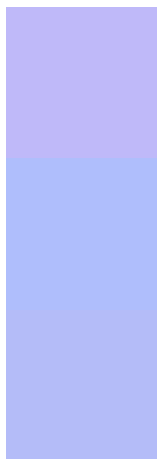
This preview shows how white text looks on a background with the XYZ color 55.9337, 52.6138,

96.8300.

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

55.9337, 52.6138, 96.8300

Protanopia

53.6633, 52.9691, 99.4912

Deuteranopia

53.7489, 52.4470, 96.0974



Tritanopia

49.9836, 52.7613, 67.2240

Trichromacy



Original Color

55.9337, 52.6138, 96.8300

Protanomaly

54.4519, 52.7552, 98.5796

Deuteranomaly

54.4808, 52.5083, 96.0706

Tritanomaly

51.9824, 52.5937, 77.2239

Monochromacy



Original Color

55.9337, 52.6138, 96.8300

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

52.7607, 53.4541, 71.1552

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.9337, 52.6138, 96.8300 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(191, 185, 249)` looks like.

```
.text, #text, p{  
    color:rgb(191, 185, 249)  
}
```

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(191, 185, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 185, 249) }
```

Border

The CSS property to change the border of an element to XYZ 55.9337, 52.6138, 96.8300 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(191, 185, 249) }
```


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

```
.border{ border-color:rgb(191, 185, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 185, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 185, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 185, 249);  
box-shadow:4px 4px 4px 4px rgb(191, 185,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 55.9337, 52.6138, 96.8300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 185, 249) }
```

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

```
.background{ background-color: rgb(191,  
185, 249) }
```

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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