

Converting Colors

XYZ(57.3042, 55.6516, 83.8594)

Have a look what the booklet for
XYZ(57.3042, 55.6516, 83.8594)
contains.

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Color

**XYZ(57.2837, 55.5053,
84.0384)**

Conversions

Conversions Part 1

Format	Color
Hex	C9BFE8
RGB	201, 191, 232
RGB Percent	79%, 75%, 91%
CMY	0.2118, 0.2510, 0.0902
CMYK	0.13, 0.18, 0.00, 0.09
HSL	255°, 47%, 83%
HSV	255°, 18%, 91%
XYZ	57.2837, 55.5053, 84.0384
YIQ	198.6640, -7.2010, 14.8710

Conversions

Conversions Part 2

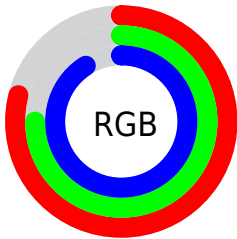
Format	Color
R_{YB}	201, 191, 232
Decimal	13221864
CIE _{Lab}	79.33, 11.43, -19.09
CIE _{LCh}	79, 22.255, 300.915
Yxy	55.5053, 0.2910, 0.2820
Android (android.graphics.Color)	4291411944 (0xFFC9BFE8)
YUV	198.6640, 16.4346, 2.0487
Hunter-Lab	74.5019, 6.8685, -14.7280

Details

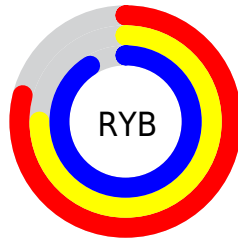
The XYZ color **57.2837, 55.5053, 84.0384** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **68.3867, 77.0059, 60.5520**, and the grayscale version is **53.9883, 56.7999, 61.8551**.

A 20% lighter version of the original color is **92.5508, 95.0015, 108.0669**, and **28.9576, 27.5146, 44.8589** is the 20% darker color. If you saturate the color by 10%, you get **48.1702, 43.8831, 82.2763**, and if you desaturate by 10%, it is **67.7406, 69.0125, 86.0953**.

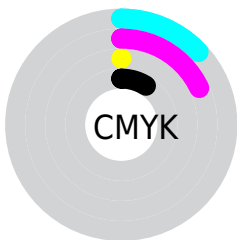
Distribution



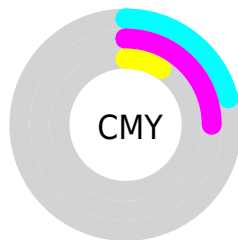
- Red (79%)
- Green (75%)
- Blue (91%)



- Red (79%)
- Yellow (75%)
- Blue (91%)



- Cyan (13%)
- Magenta (18%)
- Yellow (0%)
- Black (9%)



- Cyan (21%)
- Magenta (25%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.2837, 55.5053, 84.0384 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 57.2837, 55.5053, 84.0384 by changing the saturation by 10% instead.

■ 57.2837, 55.5053,
84.0384

■ 57.2837, 55.5053,
84.0384

404.5085,
407.8245, 528.5021

■ 41.4741, 39.8064,
62.5016

■ 100.0080, 98.2809,
140.8911

■ 28.8790, 27.3877,
44.9997

127.6534,
126.1264, 177.0440

■ 19.1331, 17.8646,
31.1142

159.9747,
158.7896, 218.9061

■ 11.8711, 10.8528,
20.4267

197.3374,
196.6549, 266.8958

■ 6.7275, 5.9679,
12.5184

240.1068,
240.1066, 321.4318

■ 3.3371, 2.8256,
6.9710

288.6482,

■ 1.3344, 1.0414,

289.5292, 382.9324

3.3658

343.3270,
345.3070, 451.8164

■ 0.2088, 0.0000,
1.2843

■ 0.0000, 0.0000,
0.0489

■ 57.2837, 55.5053,
84.0384

■ 57.2837, 55.5053,
84.0384

■ 48.1702, 43.8831,
82.2763

■ 67.7406, 69.0125,
86.0953

■ 40.3393, 34.0544,
80.7919

■ 79.5881, 84.4770,
88.4558

■ 33.7329, 25.9304,
79.5720

■ 91.0632, 98.3472,
90.5282

■ 28.2866, 19.4118,
78.6008

■ 91.5657, 98.6063,
90.5517

■ 23.9295, 14.3889,
77.8610

■ 20.5823, 10.7379,
77.3327

■ 18.1541, 8.3141,
76.9928

■ 16.5281, 6.9250,
76.8104

■ 16.2290, 6.6838,
76.7796

Harmonies

Analogous

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



52.8931, 55.5053, 88.4547



57.2837, 55.5053, 84.0384



60.6071, 55.5053, 73.1719

Triad

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



57.2837, 55.5053, 84.0384



57.0336, 55.5053, 41.4209



44.6412, 55.5053, 60.8287

Complementary

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



57.2837, 55.5053, 84.0384



68.3867, 77.0059, 60.5520

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.



45.6142, 55.5053, 49.2707



57.2837, 55.5053, 84.0384



52.6193, 55.5053, 39.0631

Square

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



57.2837, 55.5053, 84.0384



60.4571, 55.5053, 48.6804



48.4736, 55.5053, 41.7264



45.7385, 55.5053, 73.9460

Rectangle

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



57.2837, 55.5053, 84.0384



61.6811, 55.5053, 64.3955



48.4736, 55.5053, 41.7264



44.7365, 55.5053, 56.6419

Sweetspot

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



57.2854, 55.5076, 84.0396



87.6583, 90.3504, 107.4270



62.2897, 69.3773, 86.4530



18.5477, 19.0591, 22.9512



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.



57.2854, 55.5076, 84.0396



66.9221, 63.5763, 103.3520



63.0372, 58.4728, 84.3088



13.9104, 14.0560, 18.1243



9.1048, 3.7596, 42.6290



0.7553, 0.3204, 3.1540

Inverse Universe

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



65.0962, 59.6937, 77.2008



78.2498, 69.6507, 93.2776



62.6015, 74.0235, 60.2813



14.8370, 14.5520, 17.3419



22.8461, 11.2727, 23.8822



1.7242, 0.8474, 1.9544

Previews

White Background



This preview shows how the XYZ color 57.2837, 55.5053, 84.0384 looks on a white background.

Color Contrast Check

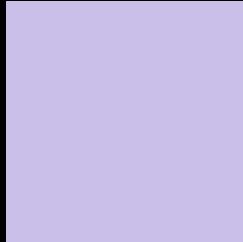
Large Text (above 18pt) WCAG AA × Fail

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 57.2837, 55.5053, 84.0384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

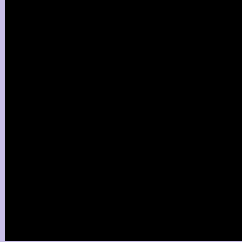
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.2837, 55.5053, 84.0384

Background



This preview shows how black text looks on a background with the XYZ color 57.2837, 55.5053, 84.0384.



This preview shows how white text looks on a background with the XYZ color 57.2837, 55.5053,

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

57.2837, 55.5053, 84.0384

Protanopia

55.2495, 55.7197, 86.4403

Deuteranopia

56.7038, 55.5312, 84.0739



Tritanopia

54.1739, 55.5537, 68.8404

Trichromacy



Original Color

57.2837, 55.5053, 84.0384

Protanomaly

56.1354, 55.8615, 85.6656

Deuteranomaly

56.9683, 55.6676, 84.0863

Tritanomaly

55.2354, 55.6513, 74.1602

Monochromacy



Original Color

57.2837, 55.5053, 84.0384

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

55.3172, 56.4624, 69.6108

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.2837, 55.5053, 84.0384 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(201, 191, 232)` looks like.

```
.text, #text, p{  
    color:rgb(201, 191, 232)  
}
```

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(201, 191, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 191, 232) }
```

Border

The CSS property to change the border of an element to XYZ 57.2837, 55.5053, 84.0384 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(201, 191, 232) }
```


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

```
.border{ border-color:rgb(201, 191, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 191, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 191, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 191, 232);  
box-shadow:4px 4px 4px 4px rgb(201, 191,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 57.2837, 55.5053, 84.0384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 191, 232) }
```

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

```
.background{ background-color: rgb(201,  
191, 232) }
```

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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