

Converting Colors

XYZ(55.3761, 51.8829, 78.8476)

Have a look what the booklet for
XYZ(55.3761, 51.8829, 78.8476)
contains.

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Color

**XYZ(55.3573, 51.7843,
79.0292)**

Conversions

Conversions Part 1

Format	Color
Hex	CCB6E2
RGB	204, 182, 226
RGB Percent	80%, 71%, 89%
CMY	0.2000, 0.2863, 0.1137
CMYK	0.10, 0.19, 0.00, 0.11
HSL	270°, 43%, 80%
HSV	270°, 19%, 89%
XYZ	55.3573, 51.7843, 79.0292
YIQ	193.5940, -1.0120, 18.3480

Conversions

Conversions Part 2

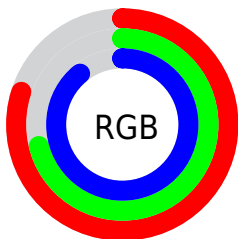
Format	Color
R_{YB}	204, 182, 226
Decimal	13416162
CIE _{Lab}	77.15, 16.04, -19.13
CIE _{LCh}	77, 24.966, 309.979
Yxy	51.7843, 0.2973, 0.2782
Android (android.graphics.Color)	4291606242 (0xFFCCB6E2)
YUV	193.5940, 15.9762, 9.1261
Hunter-Lab	71.9613, 11.3815, -14.7404

Details

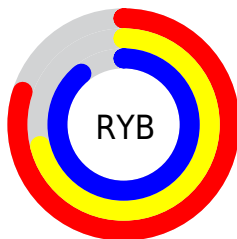
The XYZ color **55.3573, 51.7843, 79.0292** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **60.5435, 70.6088, 54.6963**, and the grayscale version is **50.9489, 53.6022, 58.3728**.

A 20% lighter version of the original color is **89.8645, 89.6291, 107.1715**, and **27.7786, 25.1248, 41.9136** is the 20% darker color. If you saturate the color by 10%, you get **48.1117, 41.7249, 77.4702**, and if you desaturate by 10%, it is **63.5777, 63.4577, 80.8499**.

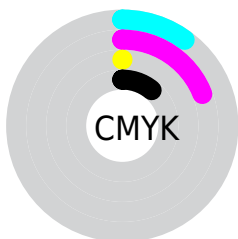
Distribution



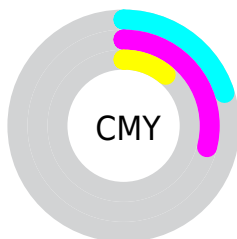
- Red (80%)
- Green (71%)
- Blue (89%)



- Red (80%)
- Yellow (71%)
- Blue (89%)



- Cyan (10%)
- Magenta (19%)
- Yellow (0%)
- Black (11%)



- Cyan (20%)
- Magenta (29%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.3573, 51.7843, 79.0292 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 55.3573, 51.7843, 79.0292 by changing the saturation by 10% instead.

■ 55.3573, 51.7843,
79.0292

■ 55.3573, 51.7843,
79.0292

397.3793,
393.6033, 511.2754

■ 39.9228, 36.8332,
58.3984

■ 97.2095, 92.8131,
133.7990

■ 27.6623, 25.0783,
41.7122

124.3580,
119.6595, 168.7751

■ 18.2104, 16.1354,
28.5521

156.1419,
151.2398, 209.3699

■ 11.2018, 9.6200,
18.4996

192.9265,
187.9383, 256.0021

■ 6.2710, 5.1478,
11.1361

235.0771,
230.1396, 309.0902

■ 3.0528, 2.3342,
6.0431

282.9593,

■ 1.1817, 0.7917,

278.2279, 369.0528

2.8021

336.9382,
332.5877, 436.3083

■ 0.0919, 0.0000,
0.9945

■ 0.0000, 0.0000,
0.0000

■ 55.3573, 51.7843,
79.0292

■ 55.3573, 51.7843,
79.0292

■ 48.1117, 41.7249,
77.4702

■ 63.5777, 63.4577,
80.8499

■ 41.7957, 33.1991,
76.1575

■ 72.8062, 76.8077,
82.9404

■ 36.3673, 26.1291,
75.0789

■ 83.0801, 91.9015,
85.3123

■ 31.7790, 20.4274,
74.2202

■ 88.6273, 97.1883,
86.0403

■ 27.9784, 15.9971,
73.5654

■ 90.7276, 98.2710,
86.1386

■ 24.9062, 12.7277,
73.0963

■ 22.4929, 10.4886,
72.7913

■ 20.6280, 9.0677,
72.6153

■ 20.5372, 9.0015,
72.6073

Harmonies

Analogous

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



50.8276, 51.7843, 86.4486



55.3573, 51.7843, 79.0292



58.3598, 51.7843, 65.8746

Triad

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



55.3573, 51.7843, 79.0292



52.4303, 51.7843, 35.1113



40.7193, 51.7843, 61.0645

Complementary

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



55.3573, 51.7843, 79.0292



60.5435, 70.6088, 54.6963

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.



41.0871, 51.7843, 47.8523



55.3573, 51.7843, 79.0292



47.6456, 51.7843, 34.2496

Square

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



55.3573, 51.7843, 79.0292



56.5956, 51.7843, 41.1210



43.5529, 51.7843, 38.5398



42.5137, 51.7843, 75.0223

Rectangle

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



55.3573, 51.7843, 79.0292



58.9836, 51.7843, 56.3942



43.5529, 51.7843, 38.5398



40.5971, 51.7843, 56.3744

Sweetspot

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



55.3589, 51.7865, 79.0303



87.6031, 89.2015, 107.2082



54.7884, 58.9732, 80.4476



18.5835, 18.8518, 22.9093



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.



55.3589, 51.7865, 79.0303



69.1308, 62.9740, 103.1194



61.5914, 54.9995, 79.3220



13.6017, 13.5782, 17.2917



11.8534, 5.2059, 41.4285



0.9249, 0.4141, 2.8764

Inverse Universe

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



58.9928, 53.9865, 64.4402



74.7420, 66.3712, 80.5903



55.1068, 67.8061, 54.4419



13.9916, 13.8143, 15.7261



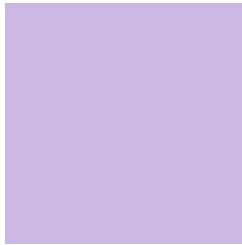
19.6537, 9.9285, 10.1083



1.4075, 0.7063, 0.9387

Previews

White Background



This preview shows how the XYZ color 55.3573, 51.7843, 79.0292 looks on a white background.

Color Contrast Check

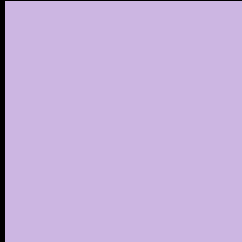
Large Text (above 18pt) WCAG AA × Fail

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 55.3573, 51.7843, 79.0292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

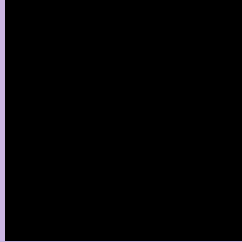
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.3573, 51.7843, 79.0292

Background



This preview shows how black text looks on a background with the XYZ color 55.3573, 51.7843, 79.0292.



This preview shows how white text looks on a background with the XYZ color 55.3573, 51.7843,

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

55.3573, 51.7843, 79.0292

Protanopia

51.6775, 51.9885, 82.9124

Deuteranopia

52.8877, 51.7605, 78.4375



Tritanopia

51.9209, 51.6142, 62.4844

Trichromacy



Original Color

55.3573, 51.7843, 79.0292

Protanomaly

52.6880, 51.5938, 81.3104

Deuteranomaly

53.7045, 51.8699, 78.4155

Tritanomaly

53.0692, 51.7686, 68.1681

Monochromacy



Original Color

55.3573, 51.7843, 79.0292

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

52.8427, 53.2889, 65.8932

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.3573, 51.7843, 79.0292 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(204, 182, 226) looks like.

```
.text, #text, p{  
    color:rgb(204, 182, 226)  
}
```

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(204, 182, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 182, 226) }
```

Border

The CSS property to change the border of an element to XYZ 55.3573, 51.7843, 79.0292 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(204, 182, 226) }
```


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

```
.border{ border-color:rgb(204, 182, 226) }
```

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

Here you see how a box with a 4 pixel rgb(204, 182, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 182, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 182, 226);  
box-shadow:4px 4px 4px 4px rgb(204, 182,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 55.3573, 51.7843, 79.0292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 182, 226) }
```

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

```
.background{ background-color: rgb(204,  
182, 226) }
```

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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