

Converting Colors

XYZ(55.8686, 52.8487, 79.3046)

Have a look what the booklet for
XYZ(55.8686, 52.8487, 79.3046)
contains.

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Color

**XYZ(55.9783, 53.0263,
79.2362)**

Conversions

Conversions Part 1

Format	Color
Hex	CCB9E2
RGB	204, 185, 226
RGB Percent	80%, 73%, 89%
CMY	0.2000, 0.2745, 0.1137
CMYK	0.10, 0.18, 0.00, 0.11
HSL	268°, 41%, 81%
HSV	268°, 18%, 89%
XYZ	55.9783, 53.0263, 79.2362
YIQ	195.3550, -1.8370, 16.7790

Conversions

Conversions Part 2

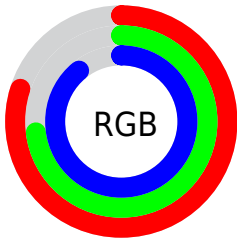
Format	Color
RYB	204, 185, 226
Decimal	13416930
CIELab	77.89, 14.41, -18.01
CIELCh	78, 23.070, 308.661
Yxy	53.0263, 0.2974, 0.2817
Android (android.graphics.Color)	4291607010 (0xFFCCB9E2)
YUV	195.3550, 15.1080, 7.5817
Hunter-Lab	72.8192, 9.7848, -13.5414

Details

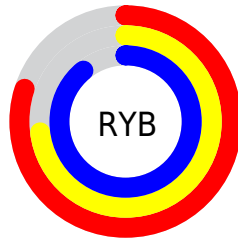
The XYZ color **55.9783, 53.0263, 79.2362** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **61.6872, 71.1622, 56.3859**, and the grayscale version is **51.9983, 54.7063, 59.5751**.

A 20% lighter version of the original color is **90.7453, 91.3906, 107.4651**, and **28.1796, 25.9268, 42.0472** is the 20% darker color. If you saturate the color by 10%, you get **48.4258, 42.6645, 77.6351**, and if you desaturate by 10%, it is **64.5444, 65.0289, 81.1023**.

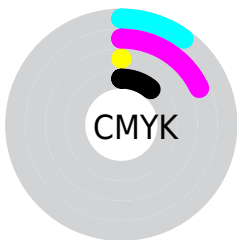
Distribution



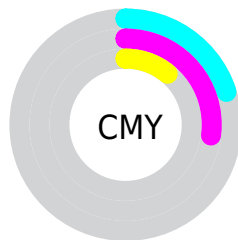
- Red (80%)
- Green (73%)
- Blue (89%)



- Red (80%)
- Yellow (73%)
- Blue (89%)



- Cyan (10%)
- Magenta (18%)
- Yellow (0%)
- Black (11%)



- Cyan (20%)
- Magenta (27%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.9783, 53.0263, 79.2362 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 55.9783, 53.0263, 79.2362 by changing the saturation by 10% instead.

■ 55.9783, 53.0263,
79.2362

■ 55.9783, 53.0263,
79.2362

399.6861,
398.3860, 511.9938

■ 40.4225, 37.8238,
58.5676

■ 98.1128, 94.6431,
134.0930

■ 28.0538, 25.8459,
41.8474

125.4223,
121.8261, 169.1183

■ 18.5068, 16.7084,
28.6571

157.3802,
153.7714, 209.7661

■ 11.4164, 10.0268,
18.5783

194.3521,
190.8634, 256.4552

■ 6.4170, 5.4167,
11.1922

236.7033,
233.4864, 309.6039

■ 3.1433, 2.4938,
6.0805

284.7991,

■ 1.2300, 0.8735,

282.0250, 369.6309

2.8245

339.0049,
336.8634, 436.9547

■ 0.1299, 0.0000,
1.0057

■ 0.0000, 0.0000,
0.0000

■ 55.9783, 53.0263,
79.2362

■ 55.9783, 53.0263,
79.2362

■ 48.4258, 42.6645,
77.6351

■ 64.5444, 65.0289,
81.1023

■ 41.8407, 33.8631,
76.2833

■ 74.1579, 78.7347,
83.2411

■ 36.1804, 26.5444,
75.1690

■ 84.8571, 94.2111,
85.6644

■ 31.3965, 20.6217,
74.2779

■ 89.8181, 97.8021,
86.0961

■ 27.4362, 15.9986,
73.5943

■ 90.7276, 98.2710,
86.1387

■ 24.2398, 12.5659,
73.1002

■ 21.7380, 10.1957,
72.7745

■ 19.8346, 8.7070,
72.5875

■ 19.5213, 8.4778,
72.5598

Harmonies

Analogous

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



51.7089, 53.0263, 85.7390



55.9783, 53.0263, 79.2362



58.8619, 53.0263, 67.1930

Triad

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



55.9783, 53.0263, 79.2362



53.6018, 53.0263, 37.6615



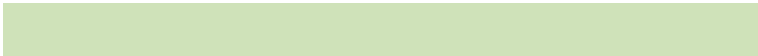
42.3503, 53.0263, 61.5339

Complementary

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



55.9783, 53.0263, 79.2362



61.6872, 71.1622, 56.3859

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.



42.7905, 53.0263, 49.2119



55.9783, 53.0263, 79.2362



49.1132, 53.0263, 36.6103

Square

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



55.9783, 53.0263, 79.2362



57.4342, 53.0263, 43.6483



45.2050, 53.0263, 40.5270



43.9648, 53.0263, 74.5707

Rectangle

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



55.9783, 53.0263, 79.2362



59.5170, 53.0263, 58.3156



45.2050, 53.0263, 40.5270



42.2649, 53.0263, 57.1615

Sweetspot

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



55.9799, 53.0285, 79.2374



88.6441, 90.8586, 107.4732



56.1833, 60.6998, 80.7074



18.7869, 19.1824, 22.9623



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.



55.9799, 53.0285, 79.2374



69.4694, 64.0117, 103.3018



61.8029, 56.0304, 79.5099



13.5527, 13.5530, 17.2894



11.2708, 4.9056, 41.4012



0.8838, 0.3929, 2.8745

Inverse Universe

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



59.9772, 55.3739, 66.5609



75.7838, 67.7182, 83.2081



56.4609, 68.4679, 56.1413



14.0132, 13.8229, 15.8396



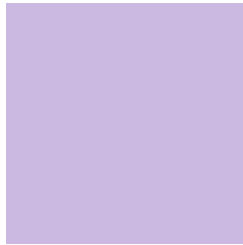
19.9323, 10.0399, 11.5752



1.4267, 0.7140, 1.0398

Previews

White Background



This preview shows how the XYZ color 55.9783, 53.0263, 79.2362 looks on a white background.

Color Contrast Check

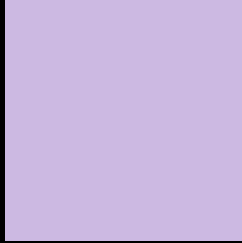
Large Text (above 18pt) WCAG AA × Fail

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 55.9783, 53.0263, 79.2362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

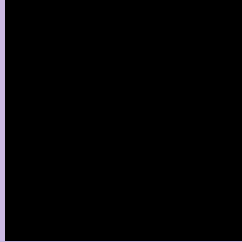
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.9783, 53.0263, 79.2362

Background



This preview shows how black text looks on a background with the XYZ color 55.9783, 53.0263, 79.2362.



This preview shows how white text looks on a background with the XYZ color 55.9783, 53.0263,

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

55.9783, 53.0263, 79.2362

Protanopia

52.6809, 53.1651, 82.3482

Deuteranopia

54.0795, 53.0048, 78.6148



Tritanopia

52.9161, 53.0342, 64.5744

Trichromacy



Original Color

55.9783, 53.0263, 79.2362

Protanomaly

53.8263, 53.1287, 81.5467

Deuteranomaly

54.6496, 52.9827, 78.5805

Tritanomaly

53.9543, 53.1374, 69.7002

Monochromacy



Original Color

55.9783, 53.0263, 79.2362

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

53.0601, 53.7236, 65.9656

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.9783, 53.0263, 79.2362 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, 185, 226)` looks like.

```
.text, #text, p{  
    color:rgb(204, 185, 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, 185, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 185, 226) }
```

Border

The CSS property to change the border of an element to XYZ 55.9783, 53.0263, 79.2362 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, 185, 226) }
```


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

```
.border{ border-color:rgb(204, 185, 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, 185, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 185, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 185, 226);  
box-shadow:4px 4px 4px 4px rgb(204, 185,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 55.9783, 53.0263, 79.2362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 185, 226) }
```

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

```
.background{ background-color: rgb(204,  
185, 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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