

Converting Colors

XYZ(58.3983, 53.0010, 81.2810)

Have a look what the booklet for
XYZ(58.3983, 53.0010, 81.2810)
contains.

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Color

**XYZ(58.3983, 53.0010,
81.2810)**

Conversions

Conversions Part 1

Format	Color
Hex	D6B5E5
RGB	214, 181, 229
RGB Percent	84%, 71%, 90%
CMY	0.1608, 0.2902, 0.1020
CMYK	0.07, 0.21, 0.00, 0.10
HSL	281°, 48%, 80%
HSV	281°, 21%, 90%
XYZ	58.3983, 53.0010, 81.2810
YIQ	196.3390, 4.2600, 21.9240

Conversions

Conversions Part 2

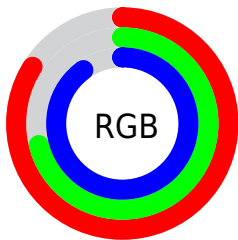
Format	Color
R_{YB}	214, 181, 229
Decimal	14071269
CIE _{Lab}	77.88, 20.43, -19.57
CIE _{LCh}	78, 28.294, 316.226
Yxy	53.0010, 0.3031, 0.2751
Android (android.graphics.Color)	4292261349 (0xFFD6B5E5)
YUV	196.3390, 16.1019, 15.4887
Hunter-Lab	72.8018, 15.7815, -15.2342

Details

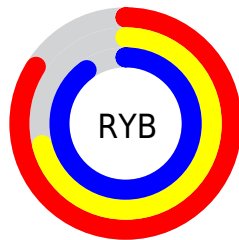
The XYZ color **58.3983, 53.0010, 81.2810** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **59.1265, 71.1119, 54.3282**, and the grayscale version is **52.5787, 55.3169, 60.2401**.

A 20% lighter version of the original color is **89.5742, 89.0484, 107.0747**, and **29.5601, 25.8264, 42.9622** is the 20% darker color. If you saturate the color by 10%, you get **52.0767, 43.3898, 79.7598**, and if you desaturate by 10%, it is **65.5803, 64.1947, 83.0639**.

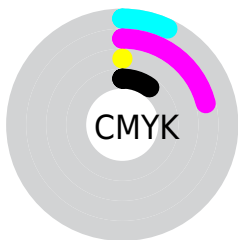
Distribution



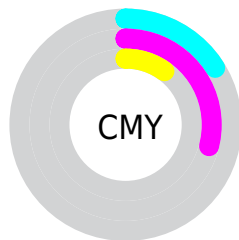
- Red (84%)
- Green (71%)
- Blue (90%)



- Red (84%)
- Yellow (71%)
- Blue (90%)



- Cyan (7%)
- Magenta (21%)
- Yellow (0%)
- Black (10%)



- Cyan (16%)
- Magenta (29%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.3983, 53.0010, 81.2810 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 58.3983, 53.0010, 81.2810 by changing the saturation by 10% instead.

■ 58.3983, 53.0010,
81.2810

■ 58.3983, 53.0010,
81.2810

408.5984,
398.2890, 519.0596

■ 42.3734, 37.8036,
60.2407

■ 101.6223, 94.6058,
136.9929

■ 29.5862, 25.8303,
43.1861

129.5521,
121.7820, 172.5015

■ 19.6712, 16.6967,
29.6987

162.1810,
153.7199, 213.6701

■ 12.2632, 10.0185,
19.3599

199.8743,
190.8040, 260.9170

■ 6.9966, 5.4112,
11.7512

242.9973,
233.4185, 314.6609

■ 3.5063, 2.4905,
6.4540

291.9154,

■ 1.4268, 0.8719,

281.9479, 375.3203

3.0498

346.9940,
336.7766, 443.3137

■ 0.2752, 0.0000,
1.1201

■ 0.0000, 0.0000,
0.0000

■ 58.3983, 53.0010,
81.2810

■ 58.3983, 53.0010,
81.2810

■ 52.0767, 43.3898,
79.7598

■ 65.5803, 64.1947,
83.0639

■ 46.5720, 35.2788,
78.4844

■ 73.6536, 77.0342,
85.1166

■ 41.8442, 28.5890,
77.4423

■ 82.6537, 91.5876,
87.4514

■ 37.8476, 23.2306,
76.6187

■ 86.7367, 96.1657,
88.1198

■ 34.5314, 19.1038,
75.9969

■ 89.2499, 97.4613,
88.2375

■ 31.8374, 16.0943,
75.5580

■ 91.1430, 98.4372,
88.3260

■ 29.6965, 14.0654,
75.2792

■ 28.1331, 12.8693,
75.1308

Harmonies

Analogous

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



53.3869, 53.0010, 91.9190



58.3983, 53.0010, 81.2810



61.3525, 53.0010, 65.2189

Triad

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



58.3983, 53.0010, 81.2810



52.9340, 53.0010, 33.0228



40.8952, 53.0010, 66.5859

Complementary

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



58.3983, 53.0010, 81.2810



59.1265, 71.1119, 54.3282

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.



40.7934, 53.0010, 50.7991



58.3983, 53.0010, 81.2810



47.4802, 53.0010, 33.2544

Square

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



58.3983, 53.0010, 81.2810



58.0461, 53.0010, 38.4979



43.1240, 53.0010, 39.2015



43.4130, 53.0010, 82.4374

Rectangle

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



58.3983, 53.0010, 81.2810



61.6284, 53.0010, 54.4885



43.1240, 53.0010, 39.2015



40.5839, 53.0010, 61.0541

Sweetspot

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



58.3999, 53.0033, 81.2822



88.6246, 89.7281, 107.2560



52.9860, 55.0532, 81.9632



18.8251, 18.9763, 22.9206



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.



58.3999, 53.0033, 81.2822



71.0220, 62.2662, 102.8830



61.7833, 54.8858, 75.1880



14.5340, 14.3775, 18.1534



16.2143, 7.4247, 42.9617



1.2928, 0.5974, 3.1791

Inverse Universe

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



58.8025, 53.6935, 59.4914



71.7048, 63.3425, 70.1883



56.3496, 69.5727, 59.0619



14.5616, 14.4418, 15.8917



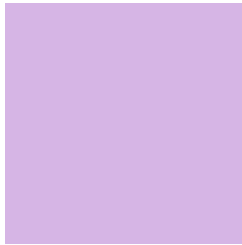
19.1835, 9.8076, 4.5955



1.4583, 0.7410, 0.5539

Previews

White Background



This preview shows how the XYZ color 58.3983, 53.0010, 81.2810 looks on a white background.

Color Contrast Check

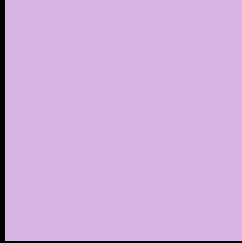
Large Text (above 18pt) WCAG AA × Fail

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 58.3983, 53.0010, 81.2810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

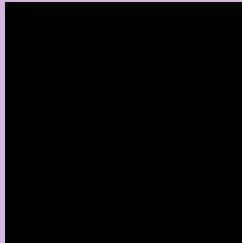
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.3983, 53.0010, 81.2810

Background



This preview shows how black text looks on a background with the XYZ color 58.3983, 53.0010, 81.2810.



This preview shows how white text looks on a background with the XYZ color 58.3983, 53.0010,

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

58.3983, 53.0010, 81.2810

Protanopia

53.0625, 53.2628, 86.8409

Deuteranopia

54.2349, 53.0372, 80.7775



Tritanopia

54.6799, 53.0365, 62.6135

Trichromacy



Original Color

58.3983, 53.0010, 81.2810

Protanomaly

54.7264, 52.8932, 84.4158

Deuteranomaly

55.4399, 52.7169, 80.6522

Tritanomaly

55.7623, 52.8330, 68.8868

Monochromacy



Original Color

58.3983, 53.0010, 81.2810

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

54.6446, 54.5122, 67.3163

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3983, 53.0010, 81.2810 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(214, 181, 229)` looks like.

```
.text, #text, p{  
    color:rgb(214, 181, 229)  
}
```

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(214, 181, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 181, 229) }
```

Border

The CSS property to change the border of an element to XYZ 58.3983, 53.0010, 81.2810 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(214, 181, 229) }
```


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

```
.border{ border-color:rgb(214, 181, 229) }
```

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

Here you see how a box with a 4 pixel rgb(214, 181, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 181, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 181, 229);  
box-shadow:4px 4px 4px 4px rgb(214, 181,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3983, 53.0010, 81.2810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 181, 229) }
```

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

```
.background{ background-color: rgb(214,  
181, 229) }
```

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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