

Converting Colors

XYZ(57.8224, 51.1730, 83.1737)

Have a look what the booklet for
XYZ(57.8224, 51.1730, 83.1737)
contains.

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Color

**XYZ(57.8224, 51.1730,
83.1737)**

Conversions

Conversions Part 1

Format	Color
Hex	D6B0E8
RGB	214, 176, 232
RGB Percent	84%, 69%, 91%
CMY	0.1608, 0.3098, 0.0902
CMYK	0.08, 0.24, 0.00, 0.09
HSL	281°, 55%, 80%
HSV	281°, 24%, 91%
XYZ	57.8224, 51.1730, 83.1737
YIQ	193.7460, 4.6720, 25.4720

Conversions

Conversions Part 2

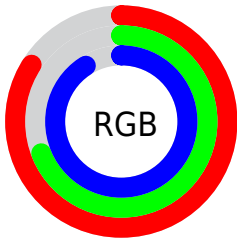
Format	Color
R _Y B	214, 176, 232
Decimal	14069992
CIE Lab	76.78, 23.74, -22.85
CIE LCh	77, 32.950, 316.083
Yxy	51.1730, 0.3009, 0.2663
Android (android.graphics.Color)	4292260072 (0xFFD6B0E8)
YUV	193.7460, 18.8592, 17.7628
Hunter-Lab	71.5353, 19.0958, -18.8614

Details

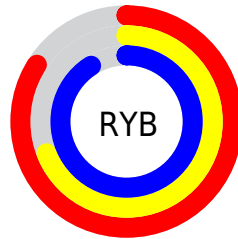
The XYZ color **57.8224, 51.1730, 83.1737** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **58.9429, 72.3184, 51.9289**, and the grayscale version is **51.0196, 53.6766, 58.4539**.

A 20% lighter version of the original color is **88.1466, 86.1932, 106.5989**, and **29.2175, 24.6714, 44.2964** is the 20% darker color. If you saturate the color by 10%, you get **51.5300, 41.7447, 81.6863**, and if you desaturate by 10%, it is **64.9950, 62.2117, 84.9271**.

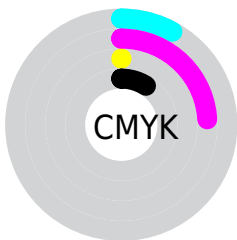
Distribution



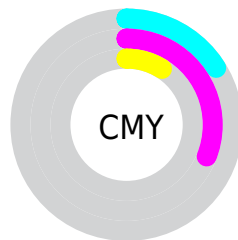
- Red (84%)
- Green (69%)
- Blue (91%)



- Red (84%)
- Yellow (69%)
- Blue (91%)



- Cyan (8%)
- Magenta (24%)
- Yellow (0%)
- Black (9%)



- Cyan (16%)
- Magenta (31%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.8224, 51.1730, 83.1737 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 57.8224, 51.1730, 83.1737 by changing the saturation by 10% instead.

■ 57.8224, 51.1730,
83.1737

■ 57.8224, 51.1730,
83.1737

406.4884,
391.2356, 525.5514

■ 41.9086, 36.3463,
61.7920

■ 100.7886, 91.9104,
139.6701

■ 29.2205, 24.7018,
44.4300

128.5718,
118.5900, 175.6219

■ 19.3928, 15.8550,
30.6690

161.0421,
149.9893, 217.2676

■ 12.0602, 9.4216,
20.0906

198.5649,
186.4927, 265.0255

■ 6.8571, 5.0172,
12.2762

241.5056,
228.4846, 319.3143

■ 3.4185, 2.2574,
6.8072

290.2295,

■ 1.3787, 0.7510,

276.3495, 380.5525

3.2652

345.1020,
330.4717, 449.1587

■ 0.2410, 0.0000,
1.2316

■ 0.0000, 0.0000,
0.0047

■ 57.8224, 51.1730,
83.1737

■ 57.8224, 51.1730,
83.1737

■ 51.5300, 41.7447,
81.6863

■ 64.9950, 62.2117,
84.9271

■ 46.0722, 33.8406,
80.4483

■ 73.0810, 74.9284,
86.9555

■ 41.4061, 27.3761,
79.4465

■ 82.1177, 89.3946,
89.2715

■ 37.4832, 22.2558,
78.6649

■ 87.5752, 96.5491,
90.3648

■ 34.2485, 18.3722,
78.0858

■ 90.2132, 97.9091,
90.4883

■ 31.6388, 15.6009,
77.6884

■ 91.5656, 98.6063,
90.5516

■ 29.5773, 13.7904,
77.4476

■ 28.5540, 13.0375,
77.3562

Harmonies

Analogous

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



52.0454, 51.1730, 95.7799



57.8224, 51.1730, 83.1737



61.2654, 51.1730, 64.4164

Triad

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



57.8224, 51.1730, 83.1737



51.5875, 51.1730, 28.5359



37.9774, 51.1730, 65.8114

Complementary

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



57.8224, 51.1730, 83.1737



58.9429, 72.3184, 51.9289

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.



37.8778, 51.1730, 47.8414



57.8224, 51.1730, 83.1737



45.3834, 51.1730, 28.7521

Square

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



57.8224, 51.1730, 83.1737



57.4625, 51.1730, 34.4153



40.4823, 51.1730, 35.0872



40.7674, 51.1730, 84.3817

Rectangle

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



57.8224, 51.1730, 83.1737



61.5986, 51.1730, 52.1492



40.4823, 51.1730, 35.0872



37.6369, 51.1730, 59.4475

Sweetspot

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



57.8240, 51.1752, 83.1748



87.5382, 88.0633, 106.9919



51.9124, 53.9394, 84.0200



18.6040, 18.6396, 22.8672



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.



57.8240, 51.1752, 83.1748



67.6134, 57.3153, 102.1071



62.0799, 53.5183, 76.6359



14.5211, 14.3709, 18.1528



15.9888, 7.3084, 42.9511



1.2774, 0.5895, 3.1784

Inverse Universe

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



58.5433, 52.1037, 58.0125



68.7718, 58.7272, 65.3545



55.5551, 70.4615, 56.7582



14.5670, 14.4440, 15.9200



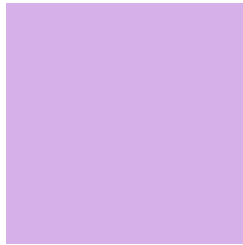
19.2230, 9.8234, 4.8031



1.4617, 0.7424, 0.5720

Previews

White Background



This preview shows how the XYZ color 57.8224, 51.1730, 83.1737 looks on a white background.

Color Contrast Check

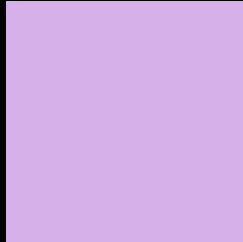
Large Text (above 18pt) WCAG AA × Fail

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 57.8224, 51.1730, 83.1737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

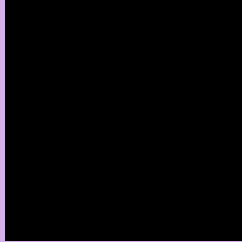
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.8224, 51.1730, 83.1737

Background



This preview shows how black text looks on a background with the XYZ color 57.8224, 51.1730, 83.1737.



This preview shows how white text looks on a background with the XYZ color 57.8224, 51.1730,

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

57.8224, 51.1730, 83.1737

Protanopia

51.8429, 51.6048, 89.6664

Deuteranopia

52.5809, 51.5223, 82.0364



Tritanopia

53.1005, 51.0424, 59.8768

Trichromacy



Original Color

57.8224, 51.1730, 83.1737

Protanomaly

53.6618, 51.3426, 87.2026

Deuteranomaly

54.1777, 51.0957, 82.6083

Tritanomaly

54.8181, 51.1445, 67.9554

Monochromacy



Original Color

57.8224, 51.1730, 83.1737

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

53.2429, 52.5122, 67.0042

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.8224, 51.1730, 83.1737 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, 176, 232)` looks like.

```
.text, #text, p{  
    color:rgb(214, 176, 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(214, 176, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 176, 232) }
```

Border

The CSS property to change the border of an element to XYZ 57.8224, 51.1730, 83.1737 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, 176, 232) }
```


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

```
.border{ border-color:rgb(214, 176, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 176, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 176, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 176, 232);  
box-shadow:4px 4px 4px 4px rgb(214, 176,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 57.8224, 51.1730, 83.1737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 176, 232) }
```

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

```
.background{ background-color: rgb(214,  
176, 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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