

Converting Colors

XYZ(60.2569, 58.1874, 76.4173)

Have a look what the booklet for
XYZ(60.2569, 58.1874, 76.4173)
contains.

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Color

**XYZ(60.3673, 58.2511,
76.4685)**

Conversions

Conversions Part 1

Format	Color
Hex	D7C2DD
RGB	215, 194, 221
RGB Percent	84%, 76%, 87%
CMY	0.1569, 0.2392, 0.1333
CMYK	0.03, 0.12, 0.00, 0.13
HSL	287°, 28%, 81%
HSV	287°, 12%, 87%
XYZ	60.3673, 58.2511, 76.4685
YIQ	203.3570, 3.8490, 12.8490

Conversions

Conversions Part 2

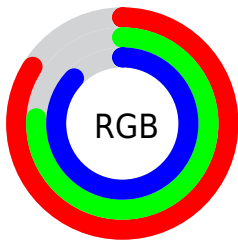
Format	Color
R _{YB}	215, 194, 221
Decimal	14140125
CIE Lab	80.88, 12.21, -10.74
CIE LCh	81, 16.266, 318.662
Yxy	58.2511, 0.3094, 0.2986
Android (android.graphics.Color)	4292330205 (0xFFD7C2DD)
YUV	203.3570, 8.6980, 10.2109
Hunter-Lab	76.3224, 7.6206, -5.9778

Details

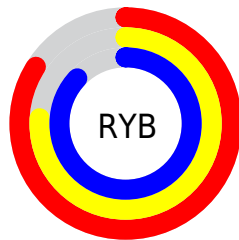
The XYZ color **60.3673, 58.2511, 76.4685** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **59.4155, 67.8888, 61.0141**, and the grayscale version is **56.9359, 59.9010, 65.2322**.

A 20% lighter version of the original color is **93.7872, 97.4744, 108.4791**, and **30.7582, 28.9829, 40.0495** is the 20% darker color. If you saturate the color by 10%, you get **54.3898, 48.4042, 74.8838**, and if you desaturate by 10%, it is **67.1230, 69.5882, 78.3016**.

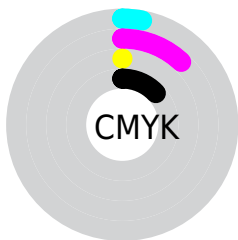
Distribution



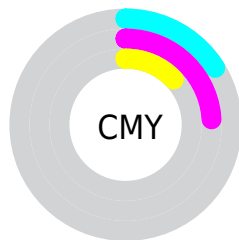
- Red (84%)
- Green (76%)
- Blue (87%)



- Red (84%)
- Yellow (76%)
- Blue (87%)



- Cyan (3%)
- Magenta (12%)
- Yellow (0%)
- Black (13%)



- Cyan (16%)
- Magenta (24%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.3673, 58.2511, 76.4685 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 60.3673, 58.2511, 76.4685 by changing the saturation by 10% instead.

60.3673, 58.2511,
76.4685

60.3673, 58.2511,
76.4685

415.7634,
418.1209, 502.3394

43.9653, 42.0106,
56.3078

104.4656,
102.2884, 130.1551

30.8411, 29.1096,
40.0441

132.8927,
130.8540, 164.5181

20.6291, 19.1637,
27.2589

166.0588,
164.2967, 204.4522

12.9641, 11.7886,
17.5336

204.3295,
203.0009, 250.3761

7.4806, 6.5999,
10.4497

248.0698,
247.3511, 302.7082

3.8134, 3.2132,
5.5886

297.6454,

1.5971, 1.2440,

297.7315, 361.8671

2.5319

353.4215,
354.5267, 428.2713

■ 0.3905, 0.0972,
0.8570

■ 0.0000, 0.0000,
0.0000

■ 60.3673, 58.2511,
76.4685

■ 60.3673, 58.2511,
76.4685

■ 54.3898, 48.4042,
74.8838

■ 67.1230, 69.5882,
78.3016

■ 49.1527, 39.9755,
73.5329

■ 74.6823, 82.4685,
80.3893

■ 44.6229, 32.8981,
72.4056

■ 81.3598, 93.5199,
82.1705

■ 40.7625, 27.0968,
71.4893

■ 82.9559, 94.3427,
82.2452

37.5298, 22.4890,
70.7703

84.5969, 95.1887,
82.3220

34.8782, 18.9821,
70.2331

86.2829, 96.0578,
82.4009

32.7544, 16.4697,
69.8601

88.0144, 96.9504,
82.4819

31.0941, 14.8242,
69.6300

89.7917, 97.8667,
82.5651

30.0398, 13.9784,
69.5223

90.0513, 98.0005,
82.5773

Harmonies

Analogous

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



57.4622, 58.2511, 82.6506



60.3673, 58.2511, 76.4685



61.9551, 58.2511, 67.1385

Triad

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



60.3673, 58.2511, 76.4685



56.6477, 58.2511, 46.9369



49.4595, 58.2511, 69.5415

Complementary

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



60.3673, 58.2511, 76.4685



59.4155, 67.8888, 61.0141

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.



49.2613, 58.2511, 59.8520



60.3673, 58.2511, 76.4685



53.3213, 58.2511, 47.4399

Square

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



60.3673, 58.2511, 76.4685



59.7503, 58.2511, 50.5053



50.6487, 58.2511, 51.9570



51.2015, 58.2511, 78.3803

Rectangle

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



60.3673, 58.2511, 76.4685



62.0117, 58.2511, 60.6755



50.6487, 58.2511, 51.9570



49.2128, 58.2511, 66.2574

Sweetspot

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



60.3690, 58.2536, 76.4698



91.0529, 93.2365, 107.8052



56.0255, 58.1400, 76.6768



19.3325, 19.6925, 23.0320



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.



60.3690, 58.2536, 76.4698



80.9800, 76.4002, 105.0864



61.2244, 58.8030, 71.6092



13.3166, 13.1213, 16.4829



17.5515, 8.1723, 40.3907



1.2083, 0.5662, 2.6200

Inverse Universe

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



59.5379, 58.1284, 62.7282



79.6133, 76.2068, 81.9267



58.6728, 67.4102, 65.3033



13.1739, 13.0987, 14.1772



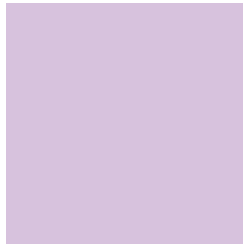
17.6807, 9.0733, 2.6988



1.1781, 0.6009, 0.3468

Previews

White Background



This preview shows how the XYZ color 60.3673, 58.2511, 76.4685 looks on a white background.

Color Contrast Check

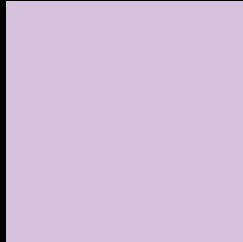
Large Text (above 18pt) WCAG AA × Fail

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 60.3673, 58.2511, 76.4685 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

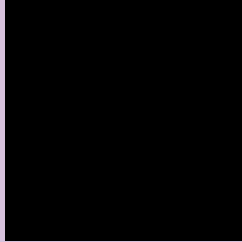
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.3673, 58.2511, 76.4685

Background



This preview shows how black text looks on a background with the XYZ color 60.3673, 58.2511, 76.4685.



This preview shows how white text looks on a background with the XYZ color 60.3673, 58.2511,

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

60.3673, 58.2511, 76.4685

Protanopia

56.9039, 58.0990, 78.7361

Deuteranopia

59.4302, 58.0996, 76.4886



Tritanopia

58.9384, 58.3291, 69.7803

Trichromacy



Original Color

60.3673, 58.2511, 76.4685

Protanomaly

58.1874, 58.0976, 77.9592

Deuteranomaly

59.7176, 58.2477, 76.5021

Tritanomaly

59.5124, 58.2327, 72.3934

Monochromacy



Original Color

60.3673, 58.2511, 76.4685

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

58.0193, 59.2271, 69.3468

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.3673, 58.2511, 76.4685 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(215, 194, 221)` looks like.

```
.text, #text, p{  
    color:rgb(215, 194, 221)  
}
```

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(215, 194, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 194, 221) }
```

Border

The CSS property to change the border of an element to XYZ 60.3673, 58.2511, 76.4685 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(215, 194, 221) }
```


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

```
.border{ border-color:rgb(215, 194, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 194, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 194, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 194, 221);  
box-shadow:4px 4px 4px 4px rgb(215, 194,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 60.3673, 58.2511, 76.4685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 194, 221) }
```

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

```
.background{ background-color: rgb(215,  
194, 221) }
```

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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