

Converting Colors

XYZ(60.7195, 57.3997, 82.3773)

Have a look what the booklet for
XYZ(60.7195, 57.3997, 82.3773)
contains.

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Color

**XYZ(60.6453, 57.2709,
82.7210)**

Conversions

Conversions Part 1

Format	Color
Hex	D6BFE6
RGB	214, 191, 230
RGB Percent	84%, 75%, 90%
CMY	0.1608, 0.2510, 0.0980
CMYK	0.07, 0.17, 0.00, 0.10
HSL	275°, 44%, 83%
HSV	275°, 17%, 90%
XYZ	60.6453, 57.2709, 82.7210
YIQ	202.3230, 1.1890, 17.0050

Conversions

Conversions Part 2

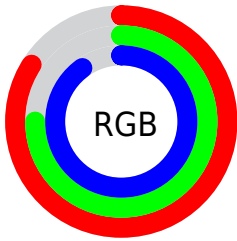
Format	Color
R_{YB}	214, 191, 230
Decimal	14073830
CIE _{Lab}	80.33, 15.23, -16.40
CIE _{LCh}	80, 22.383, 312.868
Yxy	57.2709, 0.3023, 0.2854
Android (android.graphics.Color)	4292263910 (0xFFD6BFE6)
YUV	202.3230, 13.6448, 10.2407
Hunter-Lab	75.6775, 10.6079, -11.8340

Details

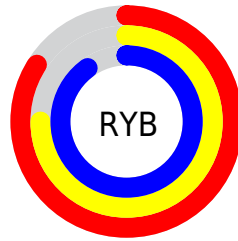
The XYZ color **60.6453, 57.2709, 82.7210** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **63.4349, 73.6221, 60.1601**, and the grayscale version is **56.2591, 59.1889, 64.4567**.

A 20% lighter version of the original color is **92.5508, 95.0015, 108.0669**, and **31.0265, 28.6039, 43.9302** is the 20% darker color. If you saturate the color by 10%, you get **53.3437, 46.6376, 81.0543**, and if you desaturate by 10%, it is **68.8976, 69.5665, 84.6602**.

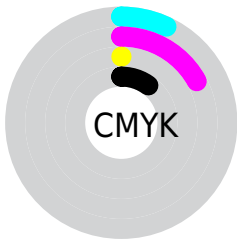
Distribution



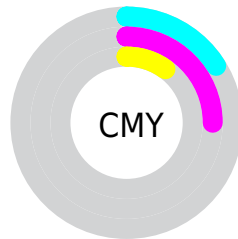
- Red (84%)
- Green (75%)
- Blue (90%)



- Red (84%)
- Yellow (75%)
- Blue (90%)



- Cyan (7%)
- Magenta (17%)
- Yellow (0%)
- Black (10%)





- Cyan (16%)
- Magenta (25%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.6453, 57.2709, 82.7210 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 60.6453, 57.2709, 82.7210 by changing the saturation by 10% instead.


 60.6453, 57.2709,
82.7210

 60.6453, 57.2709,
82.7210


416.7690,
414.4636, 524.0028

 44.1904, 41.2228,
61.4207


 104.8662,
100.8604, 139.0304

 31.0188, 28.4932,
44.1320


133.3630,
129.1705, 174.8766

 20.7651, 18.6978,
30.4364


166.6044,
162.3367, 216.4085

 13.0639, 11.4521,
19.9152

204.9558,
200.7435, 264.0447

 7.5498, 6.3718,
12.1499

248.7827,
244.7752, 318.2036

 3.8576, 3.0724,
6.7221

298.4502,

 1.6219, 1.1697,

294.8162, 379.3040

3.2131

354.3239,
351.2508, 447.7642

■ 0.4066, 0.0367,
1.2045

■ 0.0000, 0.0000,
0.0000

■ 60.6453, 57.2709,
82.7210

■ 60.6453, 57.2709,
82.7210

■ 53.3437, 46.6376,
81.0543

■ 68.8976, 69.5665,
84.6602

■ 46.9482, 37.5847,
79.6440

■ 78.1321, 83.5871,
86.8798

■ 41.4183, 30.0340,
78.4780

■ 86.7680, 96.1656,
88.8525

■ 36.7078, 23.8977,
77.5418

■ 90.0966, 97.8816,
89.0083

■ 32.7661, 19.0786,
76.8194

■ 91.2831, 98.4932,
89.0638

■ 29.5359, 15.4665,
76.2925

■ 26.9506, 12.9329,
75.9397

■ 24.9250, 11.3122,
75.7336

■ 24.3776, 10.9171,
75.6862

Harmonies

Analogous

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



56.4184, 57.2709, 90.3064



60.6453, 57.2709, 82.7210



63.2874, 57.2709, 70.0834

Triad

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



60.6453, 57.2709, 82.7210



57.0688, 57.2709, 41.2356



46.2955, 57.2709, 68.1431

Complementary

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



60.6453, 57.2709, 82.7210



63.4349, 73.6221, 60.1601

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.



46.4479, 57.2709, 55.2228



60.6453, 57.2709, 82.7210



52.4972, 57.2709, 40.8682

Square

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



60.6453, 57.2709, 82.7210



61.1444, 57.2709, 46.7314



48.6625, 57.2709, 45.6457



48.2340, 57.2709, 81.1300

Rectangle

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



60.6453, 57.2709, 82.7210



63.7080, 57.2709, 61.1053



48.6625, 57.2709, 45.6457



46.1072, 57.2709, 63.6283

Sweetspot

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



60.6470, 57.2733, 82.7223



89.2182, 91.1545, 107.5000



58.1444, 61.5387, 83.6775



18.9264, 19.2543, 22.9689



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.



60.6470, 57.2733, 82.7223



73.5995, 67.9110, 103.8368



65.0962, 59.6192, 80.5701



14.3934, 14.3050, 18.1469



13.9431, 6.2538, 42.8554



1.1352, 0.5162, 3.1718

Inverse Universe

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



62.5284, 58.5921, 67.0479



76.4131, 69.8778, 80.6403



59.5504, 71.5778, 61.8661



14.6209, 14.4656, 16.2041



19.6854, 10.0084, 7.2384



1.4999, 0.7577, 0.7730

Previews

White Background



This preview shows how the XYZ color 60.6453, 57.2709, 82.7210 looks on a white background.

Color Contrast Check

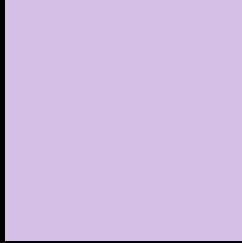
Large Text (above 18pt) WCAG AA × Fail

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 60.6453, 57.2709, 82.7210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

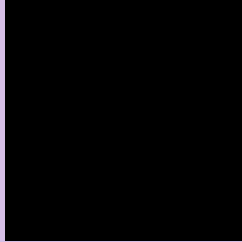
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.6453, 57.2709, 82.7210

Background



This preview shows how black text looks on a background with the XYZ color 60.6453, 57.2709, 82.7210.



This preview shows how white text looks on a background with the XYZ color 60.6453, 57.2709,

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

60.6453, 57.2709, 82.7210

Protanopia

56.7836, 57.5351, 85.9545

Deuteranopia

58.3365, 57.0781, 82.0712



Tritanopia

58.0119, 57.5322, 69.0200

Trichromacy



Original Color

60.6453, 57.2709, 82.7210

Protanomaly

58.0425, 57.1928, 85.0709

Deuteranomaly

59.2252, 57.2070, 82.0493

Tritanomaly

58.9675, 57.5904, 73.6538

Monochromacy



Original Color

60.6453, 57.2709, 82.7210

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

57.5313, 58.2634, 70.5011

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.6453, 57.2709, 82.7210 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, 191, 230)` looks like.

```
.text, #text, p{  
    color:rgb(214, 191, 230)  
}
```

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, 191, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 191, 230) }
```

Border

The CSS property to change the border of an element to XYZ 60.6453, 57.2709, 82.7210 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, 191, 230) }
```


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

```
.border{ border-color:rgb(214, 191, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 191, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 191, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 191, 230);  
box-shadow:4px 4px 4px 4px rgb(214, 191,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 60.6453, 57.2709, 82.7210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 191, 230) }
```

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

```
.background{ background-color: rgb(214,  
191, 230) }
```

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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