

Converting Colors

XYZ(60.0533, 56.9877, 75.7443)

Have a look what the booklet for
XYZ(60.0533, 56.9877, 75.7443)
contains.

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Color

**XYZ(60.1643, 57.1806,
75.5761)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | D9BFDC |
| RGB | 217, 191, 220 |
| RGB Percent | 85%, 75%, 86% |
| CMY | 0.1490, 0.2510, 0.1373 |
| CMYK | 0.01, 0.13, 0.00, 0.14 |
| HSL | 294°, 29%, 81% |
| HSV | 294°, 13%, 86% |
| XYZ | 60.1643, 57.1806, 75.5761 |
| YIQ | 202.0800, 6.1870, 14.5310 |

Conversions

Conversions Part 2

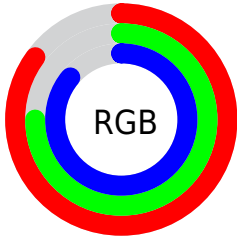
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 217, 191, 220 |
| Decimal | 14270428 |
| CIE Lab | 80.28, 14.30, -11.08 |
| CIE LCh | 80, 18.093, 322.242 |
| Yxy | 57.1806, 0.3119, 0.2964 |
| Android (android.graphics.Color) | 4292460508 (0xFFD9BFDC) |
| YUV | 202.0800, 8.8346, 13.0848 |
| Hunter-Lab | 75.6179, 9.6898, -6.3248 |

Details

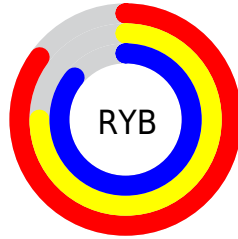
The XYZ color **60.1643, 57.1806, 75.5761** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **57.2474, 66.4188, 59.0959**, and the grayscale version is **56.1343, 59.0576, 64.3137**.

A 20% lighter version of the original color is **92.5508, 95.0015, 108.0669**, and **30.7803, 28.5750, 39.4905** is the 20% darker color. If you saturate the color by 10%, you get **55.0510, 47.9506, 74.0649**, and if you desaturate by 10%, it is **66.0109, 67.8616, 77.3304**.

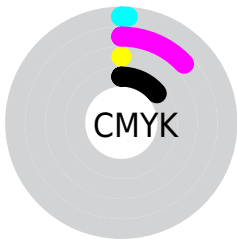
Distribution



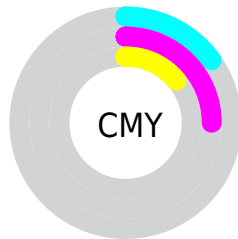
- Red (85%)
- Green (75%)
- Blue (86%)



- Red (85%)
- Yellow (75%)
- Blue (86%)



- Cyan (1%)
- Magenta (13%)
- Yellow (0%)
- Black (14%)



- Cyan (15%)
- Magenta (25%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.1643, 57.1806, 75.5761 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 60.1643, 57.1806, 75.5761 by changing the saturation by 10% instead.

60.1643, 57.1806,
75.5761

60.1643, 57.1806,
75.5761

415.0282,
414.1257, 499.2035

43.8010, 41.1503,
55.5804

104.1730,
100.7287, 128.8821

30.7114, 28.4365,
39.4649

132.5491,
129.0152, 163.0295

20.5299, 18.6550,
26.8110

165.6602,
162.1558, 202.7312

12.8913, 11.4212,
17.2001

203.8716,
200.5351, 248.4058

7.4302, 6.3509,
10.2138

247.5488,
244.5373, 300.4718

3.7813, 3.0596,
5.4335

297.0571,

1.5792, 1.1629,

294.5469, 359.3477

2.4406

352.7617,
350.9482, 425.4521

■ 0.3788, 0.0311,
0.8084

■ 0.0000, 0.0000,
0.0000

■ 60.1643, 57.1806,
75.5761

■ 60.1643, 57.1806,
75.5761

■ 55.0510, 47.9506,
74.0649

■ 66.0109, 67.8616,
77.3304

■ 50.6340, 40.1002,
72.7824

■ 72.6159, 80.0462,
79.3342

■ 46.8803, 33.5628,
71.7184

■ 79.3661, 92.5074,
81.3837

■ 43.7526, 28.2638,
70.8604

■ 80.0756, 92.8732,
81.4169

41.2097, 24.1205,
70.1947

80.7946, 93.2438,
81.4505

39.2053, 21.0408,
69.7059

81.5230, 93.6194,
81.4846

37.6861, 18.9178,
69.3762

82.2611, 93.9999,
81.5192

36.5876, 17.6229,
69.1842

83.0087, 94.3853,
81.5541

36.0075, 17.0702,
69.1081

83.7659, 94.7756,
81.5896

Harmonies

Analogous

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



57.0838, 57.1806, 83.0680



60.1643, 57.1806, 75.5761



61.7004, 57.1806, 65.0487

Triad

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



60.1643, 57.1806, 75.5761



55.3137, 57.1806, 44.1884



48.0309, 57.1806, 70.2881

Complementary

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



60.1643, 57.1806, 75.5761



57.2474, 66.4188, 59.0959

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.



47.6050, 57.1806, 59.5521



60.1643, 57.1806, 75.5761



51.7019, 57.1806, 45.2539

Square

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



60.1643, 57.1806, 75.5761



58.8183, 57.1806, 47.5120



48.9200, 57.1806, 50.6077



50.1110, 57.1806, 79.7817

Rectangle

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



60.1643, 57.1806, 75.5761



61.5954, 57.1806, 58.0422



48.9200, 57.1806, 50.6077



47.6935, 57.1806, 66.6772

Sweetspot

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



60.1660, 57.1831, 75.5773



91.4948, 93.4643, 107.8259



53.7838, 55.0008, 75.4925



19.4447, 19.7503, 23.0373



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.



60.1660, 57.1831, 75.5773



81.8513, 75.8826, 104.9405



59.6420, 57.0774, 68.1212



13.4747, 13.2029, 16.4903



21.1878, 10.0469, 40.5609



1.4117, 0.6710, 2.6296

Inverse Universe

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



57.8856, 56.3749, 58.8723



78.0473, 74.5385, 76.8927



57.7555, 66.5340, 65.7501



13.1105, 13.0733, 13.8432



17.4309, 8.9734, 1.3830



1.1482, 0.5889, 0.1895

Previews

White Background



This preview shows how the XYZ color 60.1643, 57.1806, 75.5761 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 60.1643, 57.1806, 75.5761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

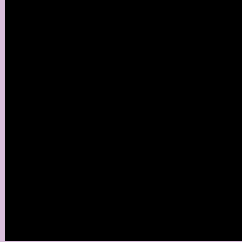
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.1643, 57.1806, 75.5761

Background



This preview shows how black text looks on a background with the XYZ color 60.1643, 57.1806, 75.5761.



This preview shows how white text looks on a background with the XYZ color 60.1643, 57.1806,

75.5761.

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

60.1643, 57.1806, 75.5761

Protanopia

56.1543, 57.3721, 78.6353

Deuteranopia

58.3725, 57.2534, 74.9923



Tritanopia

58.4795, 57.1411, 67.6216

Trichromacy



Original Color

60.1643, 57.1806, 75.5761

Protanomaly

57.4630, 57.0544, 77.7960

Deuteranomaly

59.0075, 57.2515, 74.9584

Tritanomaly

59.0522, 57.0517, 70.1870

Monochromacy



Original Color

60.1643, 57.1806, 75.5761

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

57.4348, 58.2570, 68.5392

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1643, 57.1806, 75.5761 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(217, 191, 220)` looks like.

```
.text, #text, p{  
    color:rgb(217, 191, 220)  
}
```

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(217, 191, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 191, 220) }
```

Border

The CSS property to change the border of an element to XYZ 60.1643, 57.1806, 75.5761 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(217, 191, 220) }
```


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

```
.border{ border-color:rgb(217, 191, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 191, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 191, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 191, 220);  
box-shadow:4px 4px 4px 4px rgb(217, 191,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1643, 57.1806, 75.5761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 191, 220) }
```

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

```
.background{ background-color: rgb(217,  
191, 220) }
```

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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