

Converting Colors

XYZ(58.0976, 52.7475, 85.7165)

Have a look what the booklet for
XYZ(58.0976, 52.7475, 85.7165)
contains.

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Color

**XYZ(58.0976, 52.7475,
85.7165)**

Conversions

Conversions Part 1

Format	Color
Hex	D2B5EB
RGB	210, 181, 235
RGB Percent	82%, 71%, 92%
CMY	0.1765, 0.2902, 0.0784
CMYK	0.11, 0.23, 0.00, 0.08
HSL	272°, 57%, 82%
HSV	272°, 23%, 92%
XYZ	58.0976, 52.7475, 85.7165
YIQ	195.8270, -0.0500, 22.9420

Conversions

Conversions Part 2

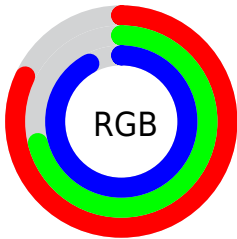
Format	Color
R _Y B	210, 181, 235
Decimal	13809131
CIE Lab	77.73, 20.35, -23.07
CIE LCh	78, 30.764, 311.404
Yxy	52.7475, 0.2956, 0.2684
Android (android.graphics.Color)	4291999211 (0xFFD2B5EB)
YUV	195.8270, 19.3123, 12.4297
Hunter-Lab	72.6275, 15.6912, -19.1361

Details

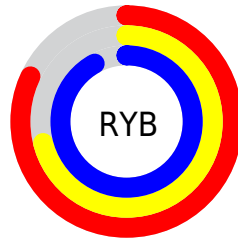
The XYZ color **58.0976, 52.7475, 85.7165** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **63.5042, 75.8760, 55.0170**, and the grayscale version is **52.2551, 54.9764, 59.8693**.

A 20% lighter version of the original color is **89.5742, 89.0484, 107.0747**, and **29.3734, 25.6616, 46.0529** is the 20% darker color. If you saturate the color by 10%, you get **50.7236, 42.4420, 84.1168**, and if you desaturate by 10%, it is **66.4914, 64.7778, 87.5970**.

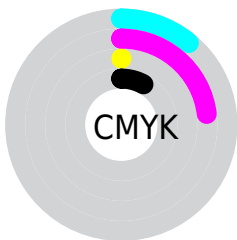
Distribution



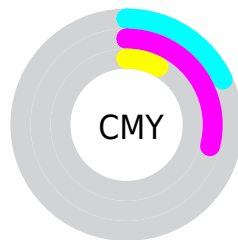
- Red (82%)
- Green (71%)
- Blue (92%)



- Red (82%)
- Yellow (71%)
- Blue (92%)



- Cyan (11%)
- Magenta (23%)
- Yellow (0%)
- Black (8%)



- Cyan (18%)
- Magenta (29%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.0976, 52.7475, 85.7165 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 58.0976, 52.7475, 85.7165 by changing the saturation by 10% instead.

■ 58.0976, 52.7475,
85.7165

■ 58.0976, 52.7475,
85.7165

407.4975,
397.3156, 534.2022

■ 42.1307, 37.6012,
63.8800

■ 101.1871, 94.2327,
143.2568

■ 29.3952, 25.6733,
46.1079

129.0404,
121.3405, 179.7978

■ 19.5258, 16.5794,
31.9817

161.5866,
153.2041, 222.0773

■ 12.1570, 9.9351,
21.0828

199.1910,
190.2082, 270.5139

■ 6.9237, 5.3559,
12.9927

242.2189,
232.7369, 325.5262

■ 3.4603, 2.4576,
7.2929

291.0357,

■ 1.4016, 0.8553,

281.1748, 387.5326

3.5647

346.0068,
335.9063, 456.9518

■ 0.2574, 0.0000,
1.3897

■ 0.0000, 0.0000,
0.1337

■ 58.0976, 52.7475,
85.7165

■ 58.0976, 52.7475,
85.7165

■ 50.7236, 42.4420,
84.1168

■ 66.4914, 64.7778,
87.5970

■ 44.3200, 33.7717,
82.7808

■ 75.9417, 78.6036,
89.7676

■ 38.8401, 26.6489,
81.6948

■ 86.4893, 94.2994,
92.2412

■ 34.2313, 20.9745,
80.8424

■ 91.4538, 98.4990,
92.7902

■ 30.4346, 16.6376,
80.2054

■ 91.9956, 98.7782,
92.8155

■ 27.3827, 13.5106,
79.7627

■ 24.9948, 11.4393,
79.4887

■ 23.6295, 10.4492,
79.3696

Harmonies

Analogous

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



52.4338, 52.7475, 95.9604



58.0976, 52.7475, 85.7165



61.7925, 52.7475, 68.5410

Triad

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



58.0976, 52.7475, 85.7165



53.8767, 52.7475, 31.6164



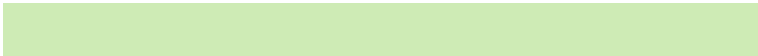
39.7250, 52.7475, 64.1660

Complementary

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



58.0976, 52.7475, 85.7165



63.5042, 75.8760, 55.0170

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.



40.0442, 52.7475, 47.5952



58.0976, 52.7475, 85.7165



47.9042, 52.7475, 30.9065

Square

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



58.0976, 52.7475, 85.7165



59.2256, 52.7475, 38.3562



42.9352, 52.7475, 36.1759



42.0256, 52.7475, 81.9727

Rectangle

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



58.0976, 52.7475, 85.7165



62.4785, 52.7475, 56.6331



42.9352, 52.7475, 36.1759



39.5346, 52.7475, 58.2406

Sweetspot

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



58.0993, 52.7497, 85.7177



86.6423, 87.6014, 106.9500



56.1728, 60.0629, 87.2308



18.3963, 18.5326, 22.8575



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.



58.0993, 52.7497, 85.7177



65.2144, 56.8557, 102.1448



65.5229, 56.6066, 84.7143



15.0039, 14.9473, 19.0166



13.2998, 5.8922, 44.1793



1.1552, 0.5198, 3.4743

Inverse Universe

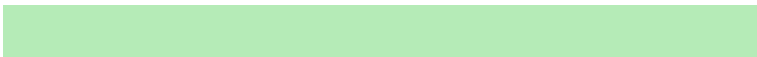
The Inverse Universe completely reimagines the original color for something new.



61.9271, 55.1683, 65.7794



70.7772, 60.3669, 73.3332



57.2926, 72.6524, 55.6967



15.3556, 15.1701, 17.1579



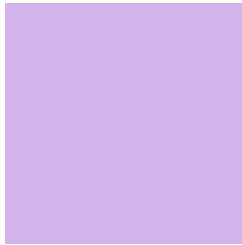
20.6610, 10.4671, 9.2823



1.6705, 0.8412, 0.9823

Previews

White Background



This preview shows how the XYZ color 58.0976, 52.7475, 85.7165 looks on a white background.

Color Contrast Check

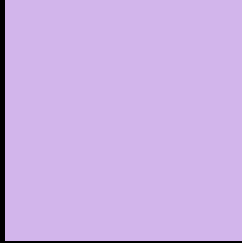
Large Text (above 18pt) WCAG AA × Fail

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 58.0976, 52.7475, 85.7165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

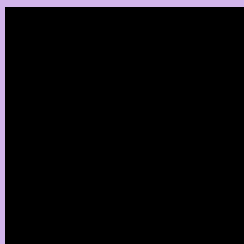
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.0976, 52.7475, 85.7165

Background



This preview shows how black text looks on a background with the XYZ color 58.0976, 52.7475, 85.7165.



This preview shows how white text looks on a background with the XYZ color 58.0976, 52.7475,

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

58.0976, 52.7475, 85.7165

Protanopia

53.1130, 52.8811, 90.6268

Deuteranopia

54.0697, 52.8541, 85.1940



Tritanopia

53.6078, 52.7841, 63.2400

Trichromacy



Original Color

58.0976, 52.7475, 85.7165

Protanomaly

54.8362, 52.8490, 88.9721

Deuteranomaly

55.2262, 52.5088, 85.0664

Tritanomaly

55.2187, 52.8184, 70.9030

Monochromacy



Original Color

58.0976, 52.7475, 85.7165

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

54.3511, 54.3323, 68.5953

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0976, 52.7475, 85.7165 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(210, 181, 235)` looks like.

```
.text, #text, p{  
    color:rgb(210, 181, 235)  
}
```

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(210, 181, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 181, 235) }
```

Border

The CSS property to change the border of an element to XYZ 58.0976, 52.7475, 85.7165 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(210, 181, 235) }
```


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

```
.border{ border-color:rgb(210, 181, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 181, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 181, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 181, 235);  
box-shadow:4px 4px 4px 4px rgb(210, 181,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0976, 52.7475, 85.7165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 181, 235) }
```

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

```
.background{ background-color: rgb(210,  
181, 235) }
```

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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