

Converting Colors

XYZ(59.9138, 54.7506, 87.3391)

Have a look what the booklet for
XYZ(59.9138, 54.7506, 87.3391)
contains.

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Color

**XYZ(60.0756, 54.9585,
87.5625)**

Conversions

Conversions Part 1

Format	Color
Hex	D5B9ED
RGB	213, 185, 237
RGB Percent	84%, 73%, 93%
CMY	0.1647, 0.2745, 0.0706
CMYK	0.10, 0.22, 0.00, 0.07
HSL	272°, 59%, 83%
HSV	272°, 22%, 93%
XYZ	60.0756, 54.9585, 87.5625
YIQ	199.3000, -0.0040, 22.1080

Conversions

Conversions Part 2

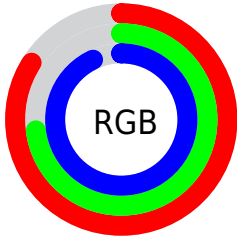
Format	Color
R _{YB}	213, 185, 237
Decimal	14006765
CIE _{Lab}	79.02, 19.54, -22.16
CIE _{LCh}	79, 29.548, 311.400
Yxy	54.9585, 0.2965, 0.2713
Android (android.graphics.Color)	4292196845 (0xFFD5B9ED)
YUV	199.3000, 18.5861, 12.0149
Hunter-Lab	74.1340, 14.9157, -18.1359

Details

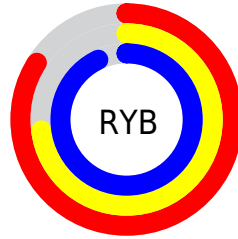
The XYZ color **60.0756, 54.9585, 87.5625** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **65.3376, 77.6279, 57.4416**, and the grayscale version is **54.3610, 57.1920, 62.2821**.

A 20% lighter version of the original color is **90.7453, 91.3906, 107.4651**, and **30.6923, 27.1078, 47.3307** is the 20% darker color. If you saturate the color by 10%, you get **52.4586, 44.2762, 85.9029**, and if you desaturate by 10%, it is **68.7365, 67.4085, 89.5100**.

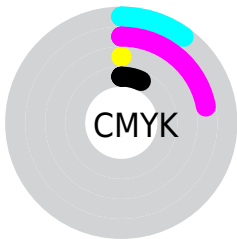
Distribution



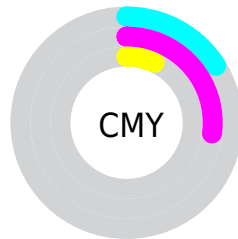
- Red (84%)
- Green (73%)
- Blue (93%)



- Red (84%)
- Yellow (73%)
- Blue (93%)



- Cyan (10%)
- Magenta (22%)
- Yellow (0%)
- Black (7%)



- Cyan (16%)
- Magenta (27%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.0756, 54.9585, 87.5625 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 60.0756, 54.9585, 87.5625 by changing the saturation by 10% instead.

60.0756, 54.9585,
87.5625

60.0756, 54.9585,
87.5625

414.7067,
405.7546, 540.4336

43.7293, 39.3685,
65.3985

104.0450, 97.4801,
145.8537

30.6547, 27.0465,
47.3309

132.3989,
125.1806, 182.8180

20.4866, 17.6082,
32.9411

165.4859,
157.6866, 225.5528

12.8596, 10.6690,
21.8106

203.6715,
195.3826, 274.4767

7.4082, 5.8448,
13.5208

247.3210,
238.6531, 330.0081

3.7673, 2.7509,
7.6532

296.7998,

1.5713, 1.0031,

287.8823, 392.5658

3.7893

352.4732,
343.4546, 462.5681

■ 0.3736, 0.0000,
1.5105

■ 0.0000, 0.0000,
0.2257

■ 60.0756, 54.9585,
87.5625

■ 60.0756, 54.9585,
87.5625

■ 52.4586, 44.2762,
85.9029

■ 68.7365, 67.4085,
89.5100

■ 45.8352, 35.2706,
84.5138

■ 78.4782, 81.6977,
91.7546

■ 40.1583, 27.8531,
83.3812

■ 88.9887, 97.1945,
94.1918

■ 35.3748, 21.9236,
82.4889

■ 92.2862, 98.8945,
94.3462

■ 31.4252, 17.3704,
81.8182

■ 28.2418, 14.0652,
81.3480

■ 25.7442, 11.8541,
81.0528

■ 24.1301, 10.6737,
80.9101

Harmonies

Analogous

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



54.5032, 54.9585, 97.5235



60.0756, 54.9585, 87.5625



63.7012, 54.9585, 70.7734

Triad

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



60.0756, 54.9585, 87.5625



55.9261, 54.9585, 34.0994



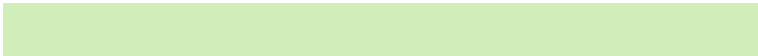
41.9189, 54.9585, 66.4716

Complementary

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



60.0756, 54.9585, 87.5625



65.3376, 77.6279, 57.4416

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.



42.2370, 54.9585, 50.0958



60.0756, 54.9585, 87.5625



50.0333, 54.9585, 33.3812

Square

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



60.0756, 54.9585, 87.5625



61.1843, 54.9585, 40.8800



45.1107, 54.9585, 38.6904



44.2064, 54.9585, 83.9091

Rectangle

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



60.0756, 54.9585, 87.5625



64.3737, 54.9585, 59.0526



45.1107, 54.9585, 38.6904



41.7295, 54.9585, 60.6353

Sweetspot

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



60.0773, 54.9608, 87.5637



86.6513, 87.6061, 106.9504



58.1616, 62.1628, 89.0548



18.3984, 18.5336, 22.8576



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.



60.0773, 54.9608, 87.5637



67.0474, 59.3974, 102.5388



67.3095, 58.7183, 86.5865



15.0060, 14.9484, 19.0167



13.3273, 5.9064, 44.1806



1.1573, 0.5209, 3.4744

Inverse Universe

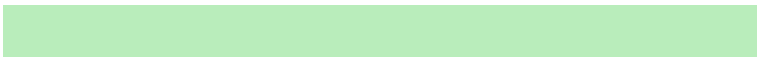
The Inverse Universe completely reimagines the original color for something new.



63.7845, 57.3083, 68.0239



72.1990, 62.6566, 75.5144



59.2348, 74.4605, 58.1171



15.3547, 15.1697, 17.1531



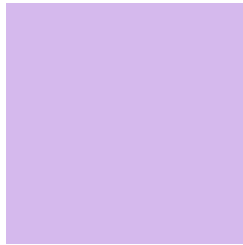
20.6510, 10.4631, 9.2295



1.6697, 0.8408, 0.9780

Previews

White Background



This preview shows how the XYZ color 60.0756, 54.9585, 87.5625 looks on a white background.

Color Contrast Check

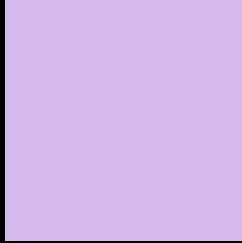
Large Text (above 18pt) WCAG AA × Fail

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 60.0756, 54.9585, 87.5625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

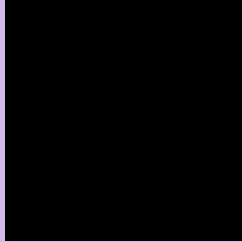
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.0756, 54.9585, 87.5625

Background



This preview shows how black text looks on a background with the XYZ color 60.0756, 54.9585, 87.5625.



This preview shows how white text looks on a background with the XYZ color 60.0756, 54.9585,

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

60.0756, 54.9585, 87.5625

Protanopia

55.2366, 55.2450, 92.5461

Deuteranopia

56.2768, 54.9198, 86.9914



Tritanopia

55.7838, 55.1277, 66.0931

Trichromacy



Original Color

60.0756, 54.9585, 87.5625

Protanomaly

57.0137, 55.2146, 90.8716

Deuteranomaly

57.6950, 55.0079, 86.9336

Tritanomaly

57.3003, 55.1066, 73.2622

Monochromacy



Original Color

60.0756, 54.9585, 87.5625

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

56.2039, 56.2250, 70.8410

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.0756, 54.9585, 87.5625 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(213, 185, 237)` looks like.

```
.text, #text, p{  
    color:rgb(213, 185, 237)  
}
```

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(213, 185, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 185, 237) }
```

Border

The CSS property to change the border of an element to XYZ 60.0756, 54.9585, 87.5625 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(213, 185, 237) }
```


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

```
.border{ border-color:rgb(213, 185, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 185, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 185, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 185, 237);  
box-shadow:4px 4px 4px 4px rgb(213, 185,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0756, 54.9585, 87.5625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 185, 237) }
```

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

```
.background{ background-color: rgb(213,  
185, 237) }
```

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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