

Converting Colors

XYZ(60.7155, 59.3394, 84.6356)

Have a look what the booklet for
XYZ(60.7155, 59.3394, 84.6356)
contains.

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Color

**XYZ(60.5442, 59.1686,
84.5736)**

Conversions

Conversions Part 1

Format	Color
Hex	D0C5E8
RGB	208, 197, 232
RGB Percent	82%, 77%, 91%
CMY	0.1843, 0.2274, 0.0902
CMYK	0.10, 0.15, 0.00, 0.09
HSL	259°, 43%, 84%
HSV	259°, 15%, 91%
XYZ	60.5442, 59.1686, 84.5736
YIQ	204.2790, -4.6790, 13.2170

Conversions

Conversions Part 2

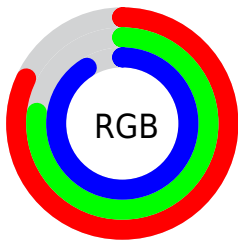
Format	Color
R _Y B	208, 197, 232
Decimal	13682152
CIE Lab	81.38, 10.45, -15.94
CIE LCh	81, 19.063, 303.248
Yxy	59.1686, 0.2964, 0.2896
Android (android.graphics.Color)	4291872232 (0xFFD0C5E8)
YUV	204.2790, 13.6665, 3.2633
Hunter-Lab	76.9211, 5.8844, -11.3437

Details

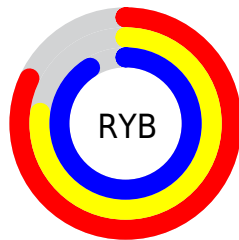
The XYZ color **60.5442, 59.1686, 84.5736** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **68.7555, 77.1181, 64.0876**, and the grayscale version is **57.4908, 60.4848, 65.8680**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **30.7958, 29.5518, 45.1553** is the 20% darker color. If you saturate the color by 10%, you get **51.4256, 47.2414, 82.7529**, and if you desaturate by 10%, it is **70.9258, 72.9534, 86.6881**.

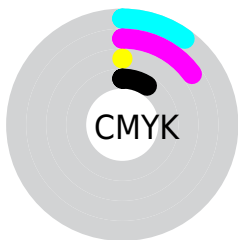
Distribution



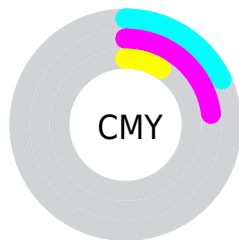
- Red (82%)
- Green (77%)
- Blue (91%)



- Red (82%)
- Yellow (77%)
- Blue (91%)



- Cyan (10%)
- Magenta (15%)
- Yellow (0%)
- Black (9%)



- Cyan (18%)
- Magenta (23%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.5442, 59.1686, 84.5736 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 60.5442, 59.1686, 84.5736 by changing the saturation by 10% instead.

60.5442, 59.1686,
84.5736

60.5442, 59.1686,
84.5736

416.4034,
421.5264, 530.3238

44.1086, 42.7489,
62.9410

104.7206,
103.6227, 141.6461

30.9541, 29.6881,
45.3528

133.1920,
132.4258, 177.9232

20.7156, 19.6020,
31.3904

166.4060,
166.1255, 219.9187

13.0275, 12.1061,
20.6354

204.7281,
205.1061, 268.0514

7.5246, 6.8159,
12.6691

248.5235,
249.7522, 322.7397

3.8415, 3.3473,
7.0730

298.1577,

1.6129, 1.3156,

300.4480, 384.4022

3.4287

353.9958,
357.5779, 453.4574

■ 0.4008, 0.1532,
1.3175

■ 0.0000, 0.0000,
0.0760

■ 60.5442, 59.1686,
84.5736

■ 60.5442, 59.1686,
84.5736

■ 51.4256, 47.2414,
82.7529

■ 70.9258, 72.9534,
86.6881

■ 43.5146, 37.0838,
81.2093

■ 82.6121, 88.6641,
89.1046

■ 36.7593, 28.6114,
79.9300

■ 91.5657, 98.6063,
90.5518

■ 31.1018, 21.7301,
78.9000

■ 26.4789, 16.3362,
78.1025

■ 22.8204, 12.3132,
77.5188

■ 20.0460, 9.5265,
77.1271

■ 18.0599, 7.8122,
76.9009

■ 17.3061, 7.2390,
76.8300

Harmonies

Analogous

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



56.6732, 59.1686, 88.9099



60.5442, 59.1686, 84.5736



63.3610, 59.1686, 74.8154

Triad

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



60.5442, 59.1686, 84.5736



59.7579, 59.1686, 46.7494



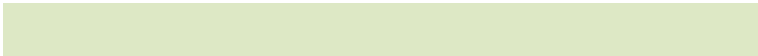
48.9299, 59.1686, 65.6757

Complementary

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



60.5442, 59.1686, 84.5736



68.7555, 77.1181, 64.0876

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.



49.6698, 59.1686, 55.0433



60.5442, 59.1686, 84.5736



55.8050, 59.1686, 44.9059

Square

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



60.5442, 59.1686, 84.5736



62.8922, 59.1686, 53.1272



52.1409, 59.1686, 47.7604



50.0705, 59.1686, 77.2196

Rectangle

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



60.5442, 59.1686, 84.5736



64.1951, 59.1686, 67.0392



52.1409, 59.1686, 47.7604



48.9671, 59.1686, 61.8788

Sweetspot

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



60.5460, 59.1711, 84.5749



87.9727, 90.5125, 107.4417



63.5821, 69.6757, 86.4425



18.6239, 19.0984, 22.9547



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.



60.5460, 59.1711, 84.5749



71.4681, 68.6413, 104.0901



65.5849, 61.7687, 84.8107



14.0069, 14.1058, 18.1288



9.7223, 4.0779, 42.6579



0.8117, 0.3494, 3.1566

Inverse Universe

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



66.2981, 62.3113, 76.9422



79.8789, 73.2356, 92.8134



63.8385, 74.5833, 63.8575



14.7922, 14.5341, 17.1063



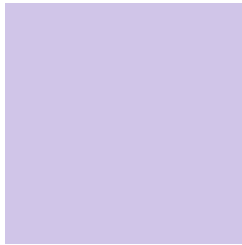
22.0132, 10.9395, 19.4963



1.6682, 0.8250, 1.6594

Previews

White Background



This preview shows how the XYZ color 60.5442, 59.1686, 84.5736 looks on a white background.

Color Contrast Check

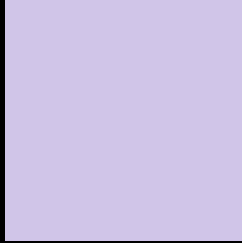
Large Text (above 18pt) WCAG AA × Fail

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 60.5442, 59.1686, 84.5736 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

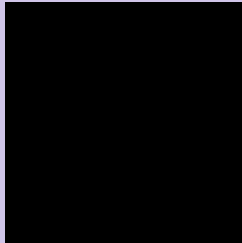
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.5442, 59.1686, 84.5736

Background



This preview shows how black text looks on a background with the XYZ color 60.5442, 59.1686, 84.5736.



This preview shows how white text looks on a background with the XYZ color 60.5442, 59.1686,

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

60.5442, 59.1686, 84.5736

Protanopia

58.5029, 59.4496, 86.2334

Deuteranopia

60.5442, 59.1686, 84.5736



Tritanopia

58.2258, 59.2456, 73.3325

Trichromacy



Original Color

60.5442, 59.1686, 84.5736

Protanomaly

59.1817, 59.4711, 85.4507

Deuteranomaly

60.5442, 59.1686, 84.5736

Tritanomaly

59.0618, 59.2426, 77.4293

Monochromacy



Original Color

60.5442, 59.1686, 84.5736

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

58.2011, 59.6075, 72.0562

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5442, 59.1686, 84.5736 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(208, 197, 232)` looks like.

```
.text, #text, p{  
    color:rgb(208, 197, 232)  
}
```

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(208, 197, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 197, 232) }
```

Border

The CSS property to change the border of an element to XYZ 60.5442, 59.1686, 84.5736 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(208, 197, 232) }
```


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

```
.border{ border-color:rgb(208, 197, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 197, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 197, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 197, 232);  
box-shadow:4px 4px 4px 4px rgb(208, 197,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5442, 59.1686, 84.5736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 197, 232) }
```

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

```
.background{ background-color: rgb(208,  
197, 232) }
```

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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