

Converting Colors

XYZ(58.5619, 54.3702, 86.0073)

Have a look what the booklet for
XYZ(58.5619, 54.3702, 86.0073)
contains.

XYZ(58.5667, 54.5259, 86.0350)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(58.5667, 54.5259,
86.0350)**

Conversions

Conversions Part 1

Format	Color
Hex	D0BAEB
RGB	208, 186, 235
RGB Percent	82%, 73%, 92%
CMY	0.1843, 0.2706, 0.0784
CMYK	0.11, 0.21, 0.00, 0.08
HSL	267°, 55%, 83%
HSV	267°, 21%, 92%
XYZ	58.5667, 54.5259, 86.0350
YIQ	198.1640, -2.6170, 19.9030

Conversions

Conversions Part 2

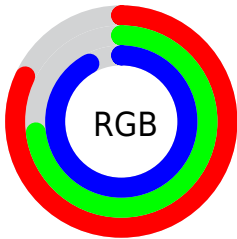
Format	Color
R_{YB}	208, 186, 235
Decimal	13679339
CIE _{Lab}	78.77, 16.99, -21.51
CIE _{LCh}	79, 27.411, 308.316
Yxy	54.5259, 0.2941, 0.2738
Android (android.graphics.Color)	4291869419 (0xFFD0BAEB)
YUV	198.1640, 18.1601, 8.6262
Hunter-Lab	73.8417, 12.3524, -17.3913

Details

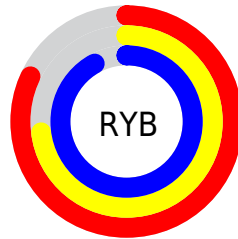
The XYZ color **58.5667, 54.5259, 86.0350** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **66.0138, 77.1094, 57.8613**, and the grayscale version is **53.6719, 56.4670, 61.4925**.

A 20% lighter version of the original color is **91.0421, 91.9843, 107.5640**, and **29.6611, 26.8020, 46.2578** is the 20% darker color. If you saturate the color by 10%, you get **50.5241, 43.6261, 84.3559**, and if you desaturate by 10%, it is **67.7241, 67.2118, 88.0018**.

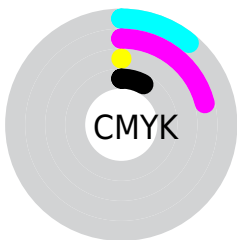
Distribution



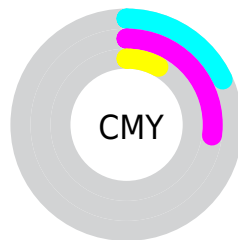
- Red (82%)
- Green (73%)
- Blue (92%)



- Red (82%)
- Yellow (73%)
- Blue (92%)



- Cyan (11%)
- Magenta (21%)
- Yellow (0%)
- Black (8%)



- Cyan (18%)
- Magenta (27%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.5667, 54.5259, 86.0350 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 58.5667, 54.5259, 86.0350 by changing the saturation by 10% instead.

■ 58.5667, 54.5259,
86.0350

■ 58.5667, 54.5259,
86.0350

409.2142,
404.1123, 535.2803

■ 42.5094, 39.0223,
64.1419

■ 101.8659, 96.8460,
143.7053

■ 29.6933, 26.7771,
46.3187

129.8385,
124.4312, 180.3195

■ 19.7528, 17.4059,
32.1469

162.5136,
156.8124, 222.6779

■ 12.3227, 10.5243,
21.2080

200.2566,
194.3741, 271.1989

■ 7.0376, 5.7479,
13.0834

243.4328,
237.5005, 326.3011

■ 3.5322, 2.6924,
7.3546

292.4076,

■ 1.4410, 0.9733,

286.5760, 388.4030

3.6030

347.5462,
341.9852, 457.9232

■ 0.2852, 0.0000,
1.4102

■ 0.0000, 0.0000,
0.1497

■ 58.5667, 54.5259,
86.0350

■ 58.5667, 54.5259,
86.0350

■ 50.5241, 43.6261,
84.3559

■ 67.7241, 67.2118,
88.0018

■ 43.5445, 34.4223,
82.9472

■ 78.0351, 81.7545,
90.2654

■ 37.5790, 26.8270,
81.7956

■ 89.0607, 97.2653,
92.6782

■ 32.5728, 20.7415,
80.8848

■ 91.9956, 98.7782,
92.8155

■ 28.4650, 16.0560,
80.1970

■ 25.1867, 12.6452,
79.7114

■ 22.6569, 10.3598,
79.4036

■ 20.8807, 9.0321,
79.2409

Harmonies

Analogous

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



53.3489, 54.5259, 94.1151



58.5667, 54.5259, 86.0350



62.1374, 54.5259, 71.1084

Triad

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



58.5667, 54.5259, 86.0350



55.7766, 54.5259, 35.7072



42.1719, 54.5259, 63.7967

Complementary

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



58.5667, 54.5259, 86.0350



66.0138, 77.1094, 57.8613

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.



42.7222, 54.5259, 48.9992



58.5667, 54.5259, 86.0350



50.3309, 54.5259, 34.4398

Square

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



58.5667, 54.5259, 86.0350



60.4499, 54.5259, 42.7039



45.6220, 54.5259, 38.8758



44.0626, 54.5259, 79.8888

Rectangle

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



58.5667, 54.5259, 86.0350



62.9692, 54.5259, 60.2520



45.6220, 54.5259, 38.8758



42.0803, 54.5259, 58.4955

Sweetspot

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



58.5684, 54.5282, 86.0362



87.3278, 89.0596, 107.1953



59.2346, 64.4144, 87.9093



18.5185, 18.8183, 22.9062



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.



58.5684, 54.5282, 86.0362



66.2115, 59.7862, 102.6579



65.7481, 58.2295, 86.3722



14.8733, 14.8800, 19.0105



11.7633, 5.1001, 44.1074



1.0330, 0.4568, 3.4686

Inverse Universe

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



63.8320, 57.5864, 70.7044



73.7049, 64.1426, 80.7207



59.6257, 73.8162, 57.5623



15.4128, 15.1930, 17.4593



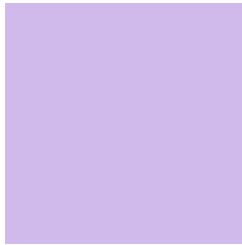
21.3568, 10.7454, 12.9459



1.7254, 0.8631, 1.2713

Previews

White Background



This preview shows how the XYZ color 58.5667, 54.5259, 86.0350 looks on a white background.

Color Contrast Check

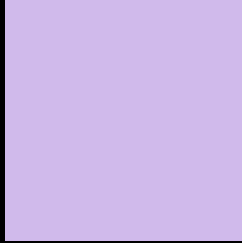
Large Text (above 18pt) WCAG AA × Fail

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 58.5667, 54.5259, 86.0350 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 58.5667, 54.5259, 86.0350

Background



This preview shows how black text looks on a background with the XYZ color 58.5667, 54.5259, 86.0350.



This preview shows how white text looks on a background with the XYZ color 58.5667, 54.5259,

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

58.5667, 54.5259, 86.0350

Protanopia

54.5653, 54.6215, 90.1052

Deuteranopia

55.9878, 54.8042, 85.4693



Tritanopia

54.4000, 54.4143, 66.0284

Trichromacy



Original Color

58.5667, 54.5259, 86.0350

Protanomaly

55.8384, 54.3374, 88.4341

Deuteranomaly

56.8683, 54.6151, 85.3864

Tritanomaly

55.8988, 54.3841, 73.1966

Monochromacy



Original Color

58.5667, 54.5259, 86.0350

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

55.4068, 55.8433, 69.4866

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5667, 54.5259, 86.0350 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, 186, 235)` looks like.

```
.text, #text, p{  
    color:rgb(208, 186, 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(208, 186, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 186, 235) }
```

Border

The CSS property to change the border of an element to XYZ 58.5667, 54.5259, 86.0350 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, 186, 235) }
```


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

```
.border{ border-color:rgb(208, 186, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 186, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 186, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 186, 235);  
box-shadow:4px 4px 4px 4px rgb(208, 186,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5667, 54.5259, 86.0350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 186, 235) }
```

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

```
.background{ background-color: rgb(208,  
186, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor