

Converting Colors

XYZ(59.0536, 67.8531, 54.2414)

Have a look what the booklet for
XYZ(59.0536, 67.8531, 54.2414)
contains.

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Color

**XYZ(58.9286, 67.7868,
54.2343)**

Conversions

Conversions Part 1

Format	Color
Hex	CBDDDB6
RGB	203, 221, 182
RGB Percent	80%, 87%, 71%
CMY	0.2039, 0.1333, 0.2863
CMYK	0.08, 0.00, 0.18, 0.13
HSL	88°, 36%, 79%
HSV	88°, 18%, 87%
XYZ	58.9286, 67.7868, 54.2343
YIQ	211.1720, 1.7910, -15.9450

Conversions

Conversions Part 2

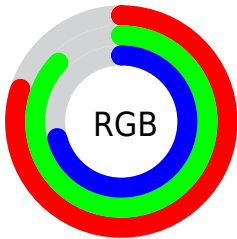
Format	Color
RYB	182, 221, 200
Decimal	13360566
CIELab	85.90, -12.87, 17.15
CIELCh	86, 21.445, 126.892
Yxy	67.7868, 0.3257, 0.3746
Android (android.graphics.Color)	4291550646 (0xFFCBDD6)
YUV	211.1720, -14.3818, -7.1668
Hunter-Lab	82.3327, -16.3232, 18.5774

Details

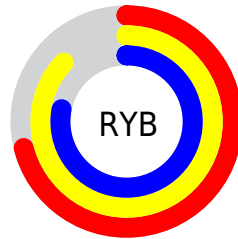
The XYZ color **58.9286, 67.7868, 54.2343** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **53.6012, 50.9576, 75.4209**, and the grayscale version is **62.1234, 65.3586, 71.1755**.

A 20% lighter version of the original color is **92.4326, 98.9530, 95.1170**, and **29.9931, 35.2470, 25.9914** is the 20% darker color. If you saturate the color by 10%, you get **54.1356, 65.5613, 43.0139**, and if you desaturate by 10%, it is **64.2686, 70.2566, 67.3647**.

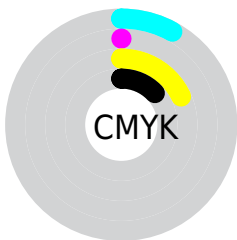
Distribution



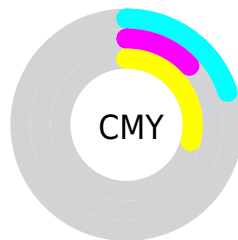
- Red (80%)
- Green (87%)
- Blue (71%)



- Red (71%)
- Yellow (87%)
- Blue (78%)



- Cyan (8%)
- Magenta (0%)
- Yellow (18%)
- Black (13%)





- Cyan (20%)
- Magenta (13%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.9286, 67.7868, 54.2343 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 58.9286, 67.7868, 54.2343 by changing the saturation by 10% instead.


 58.9286, 67.7868,
54.2343

 58.9286, 67.7868,
54.2343

410.5356,
452.7403, 420.2027

 42.8018, 49.7243,
38.3946


 102.3891,
116.0471, 97.8780

 29.9235, 35.1944,
25.9849


130.4535,
147.0137, 126.5191

 19.9283, 23.8127,
16.5866


163.2278,
183.0504, 160.2644

 12.4509, 15.1947,
9.7814


201.0774,
224.5417, 199.5324

 7.1259, 8.9561,
5.1506

244.3676,
271.8720, 244.7417

 3.5880, 4.7126,
2.2756

293.4638,

 1.4718, 2.0796,

325.4255, 296.3108

0.7175

348.7314,
385.5868, 354.6583

■ 0.3065, 0.6531,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.9286, 67.7868,
54.2343

■ 58.9286, 67.7868,
54.2343

■ 54.1356, 65.5613,
43.0139

■ 64.2686, 70.2566,
67.3647

■ 49.8637, 63.5628,
33.6100

■ 70.1693, 72.9700,
82.4839

■ 46.0931, 61.7851,
25.9281

■ 76.6507, 75.9376,
99.6715

■ 42.8001, 60.2184,
19.8633

■ 81.1493, 78.1343,
105.4121

■ 39.9588, 58.8517,
15.2991

■ 84.7843, 80.0082,
105.5823

■ 37.5402, 57.6731,
12.1035

■ 85.1478, 80.1956,
105.5993

■ 35.5108, 56.6686,
10.1216

■ 33.8259, 55.8200,
9.1408

■ 33.4640, 55.6367,
8.9752

Harmonies

Analogous

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



63.3035, 67.7868, 50.0966



58.9286, 67.7868, 54.2343



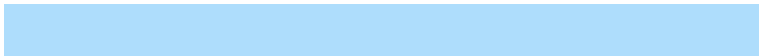
56.1334, 67.7868, 63.7011

Triad

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



58.9286, 67.7868, 54.2343



60.7961, 67.7868, 101.5621



74.2597, 67.7868, 70.6124

Complementary

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



58.9286, 67.7868, 54.2343



53.6012, 50.9576, 75.4209

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.



73.5048, 67.7868, 84.9318



58.9286, 67.7868, 54.2343



65.5684, 67.7868, 104.0228

Square

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



58.9286, 67.7868, 54.2343



57.1727, 67.7868, 91.2507



70.2621, 67.7868, 97.6025



72.2754, 67.7868, 58.7436

Rectangle

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



58.9286, 67.7868, 54.2343



55.4581, 67.7868, 72.3526



70.2621, 67.7868, 97.6025



74.3194, 67.7868, 75.2834

Sweetspot

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



58.9304, 67.7897, 54.2358



90.9324, 98.1066, 98.3452



58.8150, 59.8524, 52.7098



19.3428, 20.9434, 20.7446



0.0000, 0.0000, 0.0000



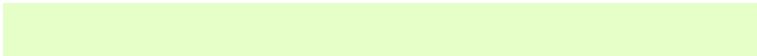
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



58.9304, 67.7897, 54.2358



79.0791, 92.6278, 69.2473



54.0572, 65.2775, 54.0077



13.5528, 14.9497, 13.8969



19.5709, 32.3867, 5.2198



1.3669, 2.1492, 0.3428

Inverse Universe

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



53.6012, 50.9576, 75.4209



70.4587, 65.3995, 103.5175



59.0101, 53.7460, 75.6740



12.9070, 12.9102, 16.4638



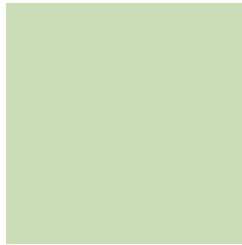
10.8934, 4.7399, 40.0792



0.8044, 0.3580, 2.6011

Previews

White Background



This preview shows how the XYZ color 58.9286, 67.7868, 54.2343 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 58.9286, 67.7868, 54.2343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

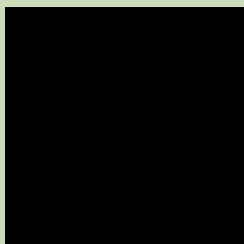
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

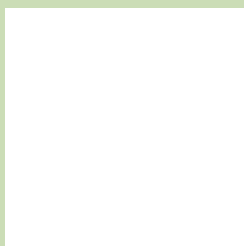
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.9286, 67.7868, 54.2343

Background



This preview shows how black text looks on a background with the XYZ color 58.9286, 67.7868, 54.2343.



This preview shows how white text looks on a background with the XYZ color 58.9286, 67.7868,

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

58.9286, 67.7868, 54.2343

Protanopia

63.5473, 67.5166, 52.3305

Deuteranopia

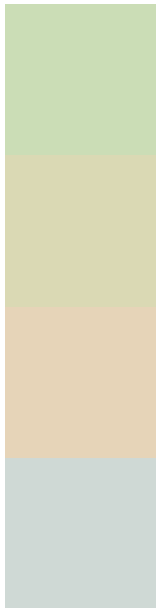
69.0758, 67.7213, 55.3298



Tritanopia

65.0487, 67.5643, 85.2141

Trichromacy



Original Color

58.9286, 67.7868, 54.2343

Protanomaly

61.9645, 67.8264, 53.0059

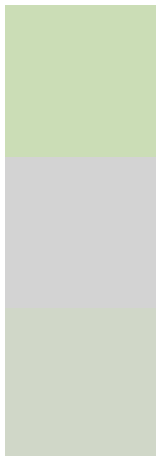
Deuteranomaly

64.8283, 67.3707, 54.9344

Tritanomaly

62.5552, 67.6952, 72.7203

Monochromacy



Original Color

58.9286, 67.7868, 54.2343

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

60.7382, 66.1809, 64.2165

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.9286, 67.7868, 54.2343 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(203, 221, 182)` looks like.

```
.text, #text, p{  
    color:rgb(203, 221, 182)  
}
```

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(203, 221, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 221, 182) }
```

Border

The CSS property to change the border of an element to XYZ 58.9286, 67.7868, 54.2343 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(203, 221, 182) }
```


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

```
.border{ border-color:rgb(203, 221, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 221, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(203, 221, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(203, 221, 182); box-shadow:4px 4px 4px 4px rgb(203, 221, 182) }
```

Background

The CSS property to change the background color of an element to XYZ 58.9286, 67.7868, 54.2343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 221, 182) }
```

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

```
.background{ background-color: rgb(203,  
221, 182) }
```

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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