

Converting Colors

XYZ(58.8137, 68.8726, 40.9866)

Have a look what the booklet for
XYZ(58.8137, 68.8726, 40.9866)
contains.

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Color

**XYZ(58.8824, 68.8435,
41.1950)**

Conversions

Conversions Part 1

Format	Color
Hex	D2DF9B
RGB	210, 223, 155
RGB Percent	82%, 87%, 61%
CMY	0.1765, 0.1255, 0.3921
CMYK	0.06, 0.00, 0.30, 0.13
HSL	71°, 52%, 74%
HSV	71°, 30%, 87%
XYZ	58.8824, 68.8435, 41.1950
YIQ	211.3610, 14.0800, -23.9040

Conversions

Conversions Part 2

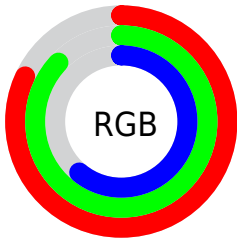
Format	Color
RYB	155, 223, 168
Decimal	13819803
CIELab	86.43, -15.26, 31.95
CIElCh	86, 35.401, 115.527
Yxy	68.8435, 0.3486, 0.4075
Android (android.graphics.Color)	4292009883 (0xFFD2DF9B)
YUV	211.3610, -27.7860, -1.1936
Hunter-Lab	82.9720, -18.5256, 28.6433

Details

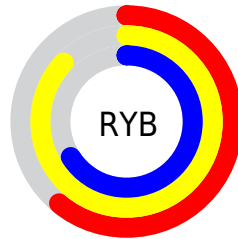
The XYZ color **58.8824, 68.8435, 41.1950** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.1917, 37.0970, 74.8053**, and the grayscale version is **62.3287, 65.5746, 71.4108**.

A 20% lighter version of the original color is **88.6329, 97.4331, 75.1078**, and **29.9684, 35.9531, 18.1921** is the 20% darker color. If you saturate the color by 10%, you get **55.9824, 67.5475, 32.1697**, and if you desaturate by 10%, it is **62.1642, 70.3007, 52.0463**.

Distribution



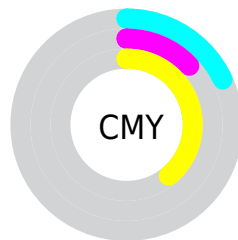
- Red (82%)
- Green (87%)
- Blue (61%)



- Red (61%)
- Yellow (87%)
- Blue (66%)



- Cyan (6%)
- Magenta (0%)
- Yellow (30%)
- Black (13%)





- Cyan (18%)
- Magenta (13%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.8824, 68.8435, 41.1950 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 58.8824, 68.8435, 41.1950 by changing the saturation by 10% instead.


 58.8824, 68.8435,
41.1950


 58.8824, 68.8435,
41.1950


410.3670,
456.4788, 366.8357

 42.7645, 50.5843,
28.1506


 102.3223,
117.5580, 78.2367

 29.8941, 35.8779,
18.1992


 130.3750,
148.7821, 103.0711

 19.9059, 24.3399,
10.9222


163.1367,
185.0966, 132.6727

 12.4345, 15.5859,
5.9010

200.9727,
226.8858, 167.4598

 7.1146, 9.2316,
2.7172

244.2484,
274.5343, 207.8512

 3.5809, 4.8926,
0.9521


293.3291,

 1.4679, 2.1844,


328.4264, 254.2652


0.0000


348.5802,
388.9464, 307.1206


 0.3038, 0.7115,
0.0000


 0.0000, 0.0000,
0.0000


 58.8824, 68.8435,
41.1950


 58.8824, 68.8435,
41.1950


 55.9824, 67.5475,
32.1697


 62.1642, 70.3007,
52.0463


 53.4397, 66.3957,
24.8657

 65.8403, 71.9171,
64.8120

 51.2347, 65.3826,
19.1741

 69.9292, 73.7024,
79.5799

 49.3440, 64.4990,
14.9722

 74.4466, 75.6629,
96.4313

■ 47.7405, 63.7338,
12.1195

■ 77.4989, 77.0412,
105.3935

■ 46.3923, 63.0744,
10.4486

■ 78.8949, 77.7608,
105.4589

■ 45.2949, 62.5245,
9.6811

■ 80.3247, 78.4979,
105.5258

■ 81.7885, 79.2525,
105.5943

■ 83.2866, 80.0248,
105.6644

Harmonies

Analogous

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



66.6691, 68.8435, 38.4005



58.8824, 68.8435, 41.1950



53.2964, 68.8435, 52.2287

Triad

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



58.8824, 68.8435, 41.1950



56.9225, 68.8435, 118.6012



82.4139, 68.8435, 78.5301

Complementary

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



58.8824, 68.8435, 41.1950



41.1917, 37.0970, 74.8053

Split Complementary

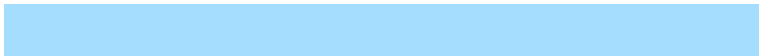
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.2865, 68.8435, 103.4794



58.8824, 68.8435, 41.1950



64.2137, 68.8435, 129.4805

Square

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



58.8824, 68.8435, 41.1950



52.2328, 68.8435, 96.1112



72.4537, 68.8435, 123.4397



80.6900, 68.8435, 57.1628

Rectangle

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



58.8824, 68.8435, 41.1950



51.3456, 68.8435, 64.2473



72.4537, 68.8435, 123.4397



81.8883, 68.8435, 86.7994

Sweetspot

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



58.8841, 68.8466, 41.1965



89.9763, 97.7861, 90.5135



50.2545, 45.8652, 37.2154



19.0924, 20.8575, 18.7830



0.0000, 0.0000, 0.0000



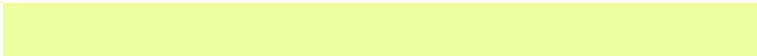
20.3446, 21.4041, 23.3091

Same Dimension

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



58.8841, 68.8466, 41.1965



77.0727, 92.0779, 47.2673



50.3317, 64.4376, 40.7962



14.6014, 15.8902, 14.6043



26.7226, 36.8085, 5.6963



1.9192, 2.5858, 0.3980

Inverse Universe

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



41.1917, 37.0970, 74.8053



49.2534, 42.1348, 100.1446



49.2559, 41.2543, 75.1827



13.1955, 13.3688, 17.2726



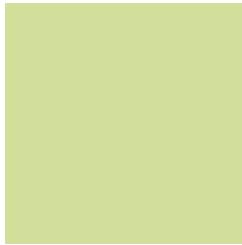
8.4797, 3.4668, 41.2706



0.6588, 0.2769, 2.8640

Previews

White Background



This preview shows how the XYZ color 58.8824, 68.8435, 41.1950 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 58.8824, 68.8435, 41.1950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

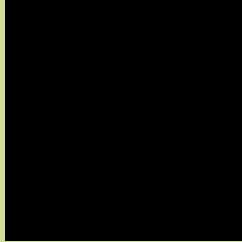
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

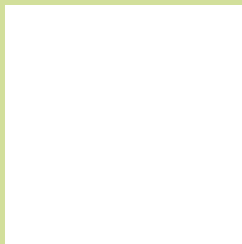
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.8824, 68.8435, 41.1950

Background



This preview shows how black text looks on a background with the XYZ color 58.8824, 68.8435, 41.1950.

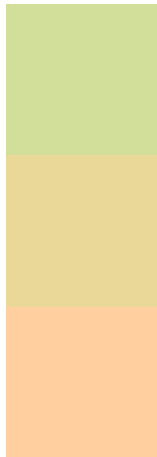


This preview shows how white text looks on a background with the XYZ color 58.8824, 68.8435,

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

58.8824, 68.8435, 41.1950

Protanopia

63.8276, 68.7024, 39.6026

Deuteranopia

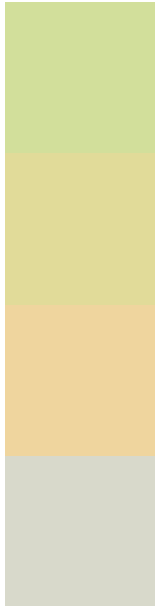
69.8980, 68.4237, 42.7808



Tritanopia

67.5924, 68.5173, 84.5256

Trichromacy



Original Color

58.8824, 68.8435, 41.1950

Protanomaly

62.1326, 68.9705, 40.1749

Deuteranomaly

65.5624, 68.4078, 42.0963

Tritanomaly

63.9112, 68.5364, 66.3603

Monochromacy



Original Color

58.8824, 68.8435, 41.1950

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

60.5684, 66.2113, 58.8780

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.8824, 68.8435, 41.1950 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, 223, 155)` looks like.

```
.text, #text, p{  
    color:rgb(210, 223, 155)  
}
```

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, 223, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 223, 155) }
```

Border

The CSS property to change the border of an element to XYZ 58.8824, 68.8435, 41.1950 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, 223, 155) }
```


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

```
.border{ border-color:rgb(210, 223, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 223, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 223, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 223, 155);  
box-shadow:4px 4px 4px 4px rgb(210, 223,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 58.8824, 68.8435, 41.1950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 223, 155) }
```

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

```
.background{ background-color: rgb(210,  
223, 155) }
```

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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