

Converting Colors

XYZ(58.6114, 68.4704, 38.3745)

Have a look what the booklet for
XYZ(58.6114, 68.4704, 38.3745)
contains.

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Color

**XYZ(58.6975, 68.4095,
38.5444)**

Conversions

Conversions Part 1

Format	Color
Hex	D4DE95
RGB	212, 222, 149
RGB Percent	83%, 87%, 58%
CMY	0.1686, 0.1294, 0.4157
CMYK	0.05, 0.00, 0.33, 0.13
HSL	68°, 53%, 73%
HSV	68°, 33%, 87%
XYZ	58.6975, 68.4095, 38.5444
YIQ	210.6880, 17.4730, -24.8230

Conversions

Conversions Part 2

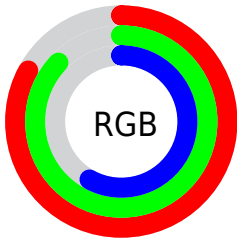
Format	Color
RYB	149, 222, 159
Decimal	13950613
CIELab	86.21, -14.77, 34.74
CIELCh	86, 37.755, 113.033
Yxy	68.4095, 0.3543, 0.4130
Android (android.graphics.Color)	4292140693 (0xFFD4DE95)
YUV	210.6880, -30.4122, 1.1506
Hunter-Lab	82.7100, -18.0650, 30.2668

Details

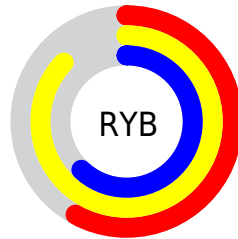
The XYZ color **58.6975, 68.4095, 38.5444** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.2328, 34.1415, 73.6859**, and the grayscale version is **61.8987, 65.1222, 70.9181**.

A 20% lighter version of the original color is **87.8991, 97.1396, 71.2438**, and **29.6867, 35.5684, 16.6100** is the 20% darker color. If you saturate the color by 10%, you get **56.2232, 67.3218, 30.0421**, and if you desaturate by 10%, it is **61.5297, 69.6470, 48.8297**.

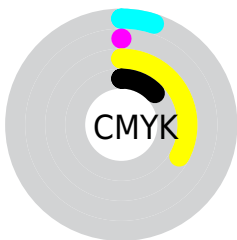
Distribution



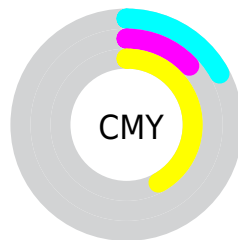
- Red (83%)
- Green (87%)
- Blue (58%)



- Red (58%)
- Yellow (87%)
- Blue (62%)



- Cyan (5%)
- Magenta (0%)
- Yellow (33%)
- Black (13%)





- Cyan (17%)
- Magenta (13%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.6975, 68.4095, 38.5444 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 58.6975, 68.4095, 38.5444 by changing the saturation by 10% instead.


 58.6975, 68.4095,
38.5444

 58.6975, 68.4095,
38.5444


409.6921,
454.9455, 355.3175

 42.6151, 50.2310,
26.1004


 102.0550,
116.9378, 74.1545

 29.7764, 35.5969,
16.6723


 130.0609,
148.0563, 98.1576

 19.8162, 24.1231,
9.8417


162.7719,
184.2569, 126.8508

 12.3690, 15.4249,
5.1899

200.5534,
225.9240, 160.6527

 7.0695, 9.1182,
2.2984

243.7708,
273.4421, 199.9817

 3.5523, 4.8183,
0.7303

292.7895,

 1.4521, 2.1411,

327.1954, 245.2566

0.0000

347.9748,
387.5684, 296.8956

■ 0.2929, 0.6876,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.6975, 68.4095,
38.5444

■ 58.6975, 68.4095,
38.5444

■ 56.2232, 67.3218,
30.0421

■ 61.5297, 69.6470,
48.8297

■ 54.0822, 66.3669,
23.2170

■ 64.7325, 71.0324,
60.9871

■ 52.2550, 65.5394,
17.9590

■ 68.3240, 72.5751,
75.1049

■ 50.7177, 64.8298,
14.1430

■ 72.3200, 74.2816,
91.2644

■ 49.4430, 64.2271,
11.6248

■ 75.9186, 75.8310,
105.2433

■ 48.3975, 63.7179,
10.2303

■ 76.8880, 76.3308,
105.2886

■ 47.7547, 63.3972,
9.7199

■ 77.8745, 76.8393,
105.3348

■ 78.8781, 77.3567,
105.3818

■ 79.8989, 77.8830,
105.4295

Harmonies

Analogous

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



67.0699, 68.4095, 36.3550



58.6975, 68.4095, 38.5444



52.5587, 68.4095, 49.2470

Triad

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



58.6975, 68.4095, 38.5444



55.4780, 68.4095, 119.6583



83.0655, 68.4095, 80.4452

Complementary

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



58.6975, 68.4095, 38.5444



38.2328, 34.1415, 73.6859

Split Complementary

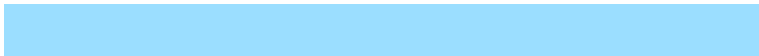
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.3126, 68.4095, 107.1437



58.6975, 68.4095, 38.5444



63.0146, 68.4095, 132.8291

Square

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



58.6975, 68.4095, 38.5444



50.8189, 68.4095, 94.8320



71.7835, 68.4095, 127.8011



81.6499, 68.4095, 57.2810

Rectangle

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



58.6975, 68.4095, 38.5444



50.3072, 68.4095, 61.3712



71.7835, 68.4095, 127.8011



82.3562, 68.4095, 89.3483

Sweetspot

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



58.6992, 68.4126, 38.5458



89.9387, 97.8083, 88.6339



47.9036, 42.4060, 34.0951



19.1063, 20.8729, 18.4095



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.



58.6992, 68.4126, 38.5458



78.1249, 92.6711, 45.0228



49.4003, 63.6188, 38.1107



14.6774, 15.9294, 14.6079



28.4338, 37.6907, 5.7764



2.0225, 2.6391, 0.4028

Inverse Universe

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



38.2328, 34.1415, 73.6859



46.2638, 39.3011, 99.7552



46.5005, 38.4036, 74.0729



13.1259, 13.3329, 17.2694



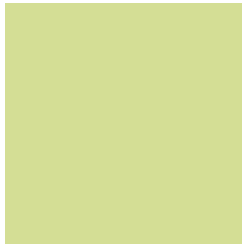
8.2109, 3.3282, 41.2580



0.6260, 0.2600, 2.8624

Previews

White Background



This preview shows how the XYZ color 58.6975, 68.4095, 38.5444 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 58.6975, 68.4095, 38.5444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

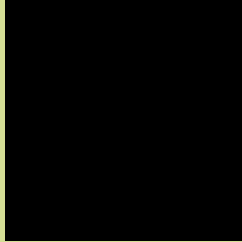
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

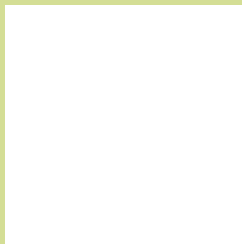
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.6975, 68.4095, 38.5444

Background



This preview shows how black text looks on a background with the XYZ color 58.6975, 68.4095, 38.5444.



This preview shows how white text looks on a background with the XYZ color 58.6975, 68.4095,

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

58.6975, 68.4095, 38.5444

Protanopia

63.0930, 67.9998, 36.9941

Deuteranopia

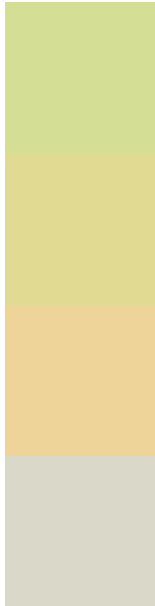
69.4692, 68.2522, 40.5229



Tritanopia

67.8105, 68.2737, 83.7329

Trichromacy



Original Color

58.6975, 68.4095, 38.5444

Protanomaly

61.3892, 68.2569, 37.5431

Deuteranomaly

64.8899, 67.7376, 39.7916

Tritanomaly

63.8946, 68.1873, 64.4374

Monochromacy



Original Color

58.6975, 68.4095, 38.5444

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

60.2415, 66.0806, 57.1567

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.6975, 68.4095, 38.5444 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(212, 222, 149)` looks like.

```
.text, #text, p{  
    color:rgb(212, 222, 149)  
}
```

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(212, 222, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 222, 149) }
```

Border

The CSS property to change the border of an element to XYZ 58.6975, 68.4095, 38.5444 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(212, 222, 149) }
```


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

```
.border{ border-color:rgb(212, 222, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 222, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 222, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 222, 149);  
box-shadow:4px 4px 4px 4px rgb(212, 222,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 58.6975, 68.4095, 38.5444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 222, 149) }
```

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

```
.background{ background-color: rgb(212,  
222, 149) }
```

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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