

Converting Colors

XYZ(58.0261, 62.3896, 38.2557)

Have a look what the booklet for
XYZ(58.0261, 62.3896, 38.2557)
contains.

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Color

**XYZ(58.0229, 62.3896,
38.2624)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | DECF97 |
| RGB | 222, 207, 151 |
| RGB Percent | 87%, 81%, 59% |
| CMY | 0.1294, 0.1882, 0.4078 |
| CMYK | 0.00, 0.07, 0.32, 0.13 |
| HSL | 47°, 52%, 73% |
| HSV | 47°, 32%, 87% |
| XYZ | 58.0229, 62.3896, 38.2624 |
| YIQ | 205.1010, 26.9160, -14.2360 |

Conversions

Conversions Part 2

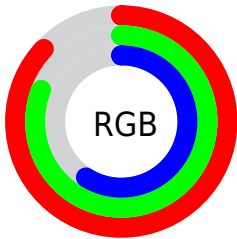
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 170, 222, 151 |
| Decimal | 14602135 |
| CIELab | 83.12, -3.09, 29.76 |
| CIELCh | 83, 29.922, 95.924 |
| Yxy | 62.3896, 0.3657, 0.3932 |
| Android (android.graphics.Color) | 4292792215 (0xFFDECF97) |
| YUV | 205.1010, -26.6718, 14.8204 |
| Hunter-Lab | 78.9871, -7.1036, 26.5701 |

Details

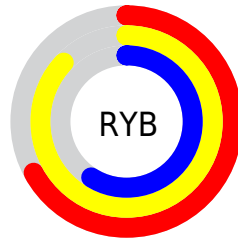
The XYZ color **58.0229, 62.3896, 38.2624** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.5832, 39.1245, 74.5728**, and the grayscale version is **58.2463, 61.2797, 66.7335**.

A 20% lighter version of the original color is **88.1406, 97.2362, 72.5155**, and **29.4174, 31.8096, 16.6460** is the 20% darker color. If you saturate the color by 10%, you get **55.2685, 59.4994, 29.2715**, and if you desaturate by 10%, it is **61.1537, 65.4888, 49.0551**.

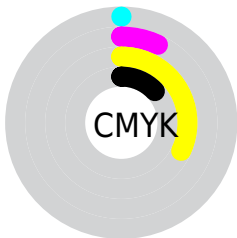
Distribution



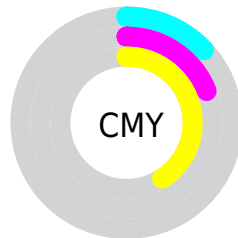
- Red (87%)
- Green (81%)
- Blue (59%)



- Red (67%)
- Yellow (87%)
- Blue (59%)



- Cyan (0%)
- Magenta (7%)
- Yellow (32%)
- Black (13%)



- Cyan (13%)
- Magenta (19%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.0229, 62.3896, 38.2624 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 58.0229, 62.3896, 38.2624 by changing the saturation by 10% instead.

■ 58.0229, 62.3896,
38.2624

■ 58.0229, 62.3896,
38.2624

407.2237,
433.3508, 354.0761

■ 42.0704, 45.3476,
25.8830

■ 101.0790,
108.2884, 73.7180

■ 29.3478, 31.7313,
16.5111

■ 128.9133,
137.9140, 97.6313

■ 19.4897, 21.1563,
9.7283

161.4388,
172.5029, 126.2264

■ 12.1307, 13.2383,
5.1160

199.0211,
212.4395, 159.9216

■ 6.9056, 7.5929,
2.2555

242.0253,
258.1082, 199.1357

■ 3.4489, 3.8356,
0.7061

290.8170,

■ 1.3954, 1.5820,

309.8934, 244.2871

0.0000

345.7613,
368.1794, 295.7944

■ 0.2529, 0.3454,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.0229, 62.3896,
38.2624

■ 58.0229, 62.3896,
38.2624

■ 55.2685, 59.4994,
29.2715

■ 61.1537, 65.4888,
49.0551

■ 52.8665, 56.8014,
21.9778


■ 64.6741, 68.7960,
61.7386


■ 50.7970, 54.2895,
16.2719


■ 68.6023, 72.3212,
76.4005


■ 49.0363, 51.9537,
12.0301


■ 72.9540, 76.0712,
93.1220


 47.5572, 49.7826,
9.1101


 76.5959, 79.5930,
105.9337


 46.3268, 47.7627,
7.3412

 77.9217, 82.2445,
106.3756

 45.4766, 46.2344,
6.5273

 79.2828, 84.9668,
106.8293

 80.6796, 87.7605,
107.2949

 82.1124, 90.6259,
107.7725

Harmonies

Analogous

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



64.5288, 62.3896, 40.2842



58.0229, 62.3896, 38.2624



52.2859, 62.3896, 42.9398

Triad

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



58.0229, 62.3896, 38.2624



49.7715, 62.3896, 91.0906



71.4175, 62.3896, 83.5527

Complementary

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



58.0229, 62.3896, 38.2624



39.5832, 39.1245, 74.5728

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.



66.9137, 62.3896, 101.1174



58.0229, 62.3896, 38.2624



54.3605, 62.3896, 105.9945

Square

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



58.0229, 62.3896, 38.2624



47.7501, 62.3896, 71.6811



60.5946, 62.3896, 109.9627



72.5753, 62.3896, 64.3153

Rectangle

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



58.0229, 62.3896, 38.2624



49.5668, 62.3896, 49.8363



60.5946, 62.3896, 109.9627



70.2294, 62.3896, 89.9495

Sweetspot

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



58.0245, 62.3924, 38.2637



89.5188, 95.0770, 88.1289



48.1094, 40.4308, 41.5300



19.0042, 20.2076, 18.2865



0.0000, 0.0000, 0.0000



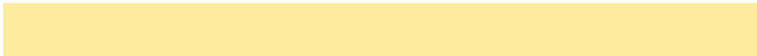
20.3446, 21.4041, 23.3091

Same Dimension

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



58.0245, 62.3924, 38.2637



76.9957, 82.8830, 44.3328



56.0331, 67.0174, 39.2614



14.6132, 15.5124, 14.5308



27.0955, 27.6289, 3.9048



1.9404, 2.0396, 0.2914

Inverse Universe

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



39.5832, 39.1245, 74.5728



48.2032, 46.5652, 101.0551



41.0720, 36.0790, 73.9065



13.1855, 13.7100, 17.3390



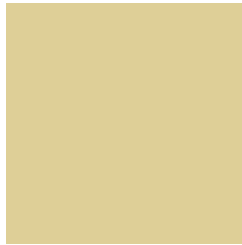
8.4981, 4.4657, 41.4624



0.6539, 0.4393, 2.8956

Previews

White Background



This preview shows how the XYZ color 58.0229, 62.3896, 38.2624 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 58.0229, 62.3896, 38.2624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

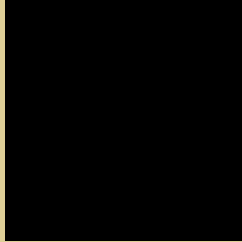
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.0229, 62.3896, 38.2624

Background



This preview shows how black text looks on a background with the XYZ color 58.0229, 62.3896, 38.2624.



This preview shows how white text looks on a background with the XYZ color 58.0229, 62.3896,

38.2624.

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

58.0229, 62.3896, 38.2624

Protanopia

58.3302, 62.5480, 38.2768

Deuteranopia

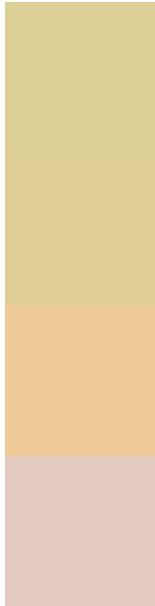
63.6000, 62.1006, 38.7715



Tritanopia

64.8741, 62.3599, 72.2358

Trichromacy



Original Color

58.0229, 62.3896, 38.2624

Protanomaly

58.3302, 62.5480, 38.2768

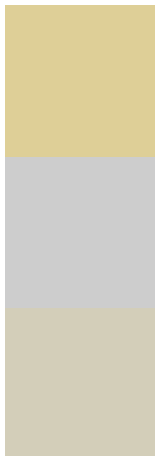
Deuteranomaly

61.4792, 62.0448, 38.4413

Tritanomaly

61.8885, 62.1714, 58.0286

Monochromacy



Original Color

58.0229, 62.3896, 38.2624

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.6922, 61.4943, 54.7278

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0229, 62.3896, 38.2624 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(222, 207, 151)` looks like.

```
.text, #text, p{  
    color:rgb(222, 207, 151)  
}
```

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(222, 207, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 207, 151) }
```

Border

The CSS property to change the border of an element to XYZ 58.0229, 62.3896, 38.2624 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(222, 207, 151) }
```


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

```
.border{ border-color:rgb(222, 207, 151) }
```

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

Here you see how a box with a 4 pixel rgb(222, 207, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 207, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 207, 151);  
box-shadow:4px 4px 4px 4px rgb(222, 207,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0229, 62.3896, 38.2624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 207, 151) }
```

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

```
.background{ background-color: rgb(222,  
207, 151) }
```

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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