

Converting Colors

XYZ(61.0742, 69.9170, 38.5985)

Have a look what the booklet for
XYZ(61.0742, 69.9170, 38.5985)
contains.

| | |
|--|----|
| XYZ(61.0259, 70.0053, 38.7297) | 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(61.0259, 70.0053,
38.7297)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | DBDF95 |
| RGB | 219, 223, 149 |
| RGB Percent | 86%, 87%, 58% |
| CMY | 0.1412, 0.1255, 0.4157 |
| CMYK | 0.02, 0.00, 0.33, 0.13 |
| HSL | 63°, 54%, 73% |
| HSV | 63°, 33%, 87% |
| XYZ | 61.0259, 70.0053, 38.7297 |
| YIQ | 213.3680, 21.3700, -23.8620 |

Conversions

Conversions Part 2

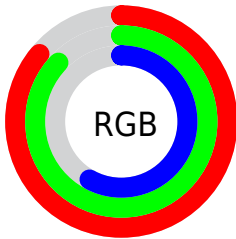
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 149, 223, 153 |
| Decimal | 14409621 |
| CIELab | 87.00, -12.61, 35.88 |
| CIELCh | 87, 38.031, 109.371 |
| Yxy | 70.0053, 0.3595, 0.4124 |
| Android (android.graphics.Color) | 4292599701 (0xFFDBDF95) |
| YUV | 213.3680, -31.7334, 4.9393 |
| Hunter-Lab | 83.6692, -16.2283, 31.1236 |

Details

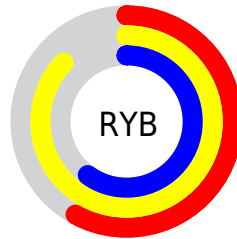
The XYZ color **61.0259, 70.0053, 38.7297** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.2061, 33.5966, 74.3398**, and the grayscale version is **63.6897, 67.0065, 72.9701**.

A 20% lighter version of the original color is **87.8991, 97.1396, 71.2438**, and **31.2646, 36.6549, 16.7365** is the 20% darker color. If you saturate the color by 10%, you get **59.0522, 69.1765, 30.2169**, and if you desaturate by 10%, it is **63.3467, 70.9782, 49.0410**.

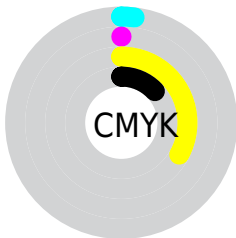
Distribution



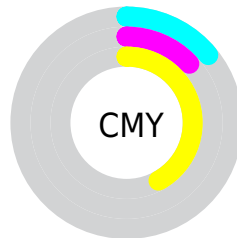
- Red (86%)
- Green (87%)
- Blue (58%)



- Red (58%)
- Yellow (87%)
- Blue (60%)



- Cyan (2%)
- Magenta (0%)
- Yellow (33%)
- Black (13%)





- Cyan (14%)
- Magenta (13%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.0259, 70.0053, 38.7297 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 61.0259, 70.0053, 38.7297 by changing the saturation by 10% instead.


 61.0259, 70.0053,
38.7297

 61.0259, 70.0053,
38.7297


418.1434,
460.5686, 356.1315

 44.4987, 51.5309,
26.2433


 105.4143,
119.2163, 74.4410

 31.2623, 36.6313,
16.7783


 134.0063,
150.7217, 98.5030

 20.9515, 24.9221,
9.9163


167.3505,
187.3395, 127.2606

 13.2008, 16.0190,
5.2386

205.8124,
229.4541, 161.1323

 7.6449, 9.5376,
2.3268

249.7572,
277.4499, 200.5367

 3.9185, 5.0935,
0.7462

299.5504,

 1.6561, 2.3022,

331.7113, 245.8924

0.0000

355.5574,
392.6228, 297.6178

■ 0.4286, 0.7749,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.0259, 70.0053,
38.7297

■ 61.0259, 70.0053,
38.7297

■ 59.0522, 69.1765,
30.2169

■ 63.3467, 70.9782,
49.0410

■ 57.4007, 68.4744,
23.3953

■ 66.0274, 72.0928,
61.2410

■ 56.0518, 67.8936,
18.1532

■ 69.0863, 73.3591,
75.4191

■ 54.9814, 67.4246,
14.3637

■ 72.5391, 74.7833,
91.6579

■ 54.1615, 67.0560,
11.8802

■ 75.5015, 76.0116,
105.3001

■ 53.5586, 66.7746,
10.5253

■ 75.8792, 76.2063,
105.3178

■ 53.2347, 66.6177,
10.0527

■ 76.2596, 76.4024,
105.3356

■ 76.6427, 76.5999,
105.3535

■ 77.0284, 76.7987,
105.3715

Harmonies

Analogous

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



69.7420, 70.0053, 37.5124



61.0259, 70.0053, 38.7297



54.3858, 70.0053, 48.5757

Triad

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



61.0259, 70.0053, 38.7297



56.0130, 70.0053, 119.7587



84.7987, 70.0053, 85.6181

Complementary

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



61.0259, 70.0053, 38.7297



37.2061, 33.5966, 74.3398

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.



80.3775, 70.0053, 112.7657



61.0259, 70.0053, 38.7297



63.4336, 70.0053, 135.1970

Square

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



61.0259, 70.0053, 38.7297



51.6750, 70.0053, 93.6482



72.3723, 70.0053, 132.3858



84.0082, 70.0053, 61.1071

Rectangle

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



61.0259, 70.0053, 38.7297



51.7835, 70.0053, 60.2395



72.3723, 70.0053, 132.3858



83.8583, 70.0053, 94.8118

Sweetspot

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



61.0277, 70.0085, 38.7312



90.7068, 98.2043, 88.6699



47.2007, 40.5440, 33.7727



19.2935, 20.9694, 18.4183



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.



61.0277, 70.0085, 38.7312



80.7478, 94.0478, 44.0342



51.1774, 64.9305, 38.2702



14.7946, 15.9898, 14.6134



31.3311, 39.1843, 5.9120



2.1944, 2.7277, 0.4109

Inverse Universe

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



37.2061, 33.5966, 74.3398



43.6444, 37.3245, 99.5118



45.2292, 37.7327, 74.7153



13.0203, 13.2785, 17.2644



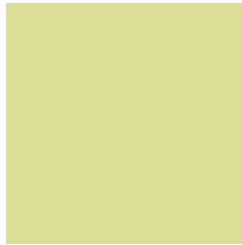
7.9507, 3.1941, 41.2458



0.5757, 0.2341, 2.8601

Previews

White Background



This preview shows how the XYZ color 61.0259, 70.0053, 38.7297 looks on a white background.

Color Contrast Check

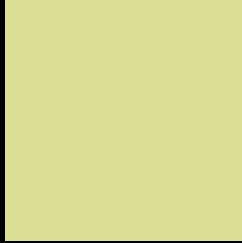
Large Text (above 18pt) WCAG AA × Fail

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 61.0259, 70.0053, 38.7297 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

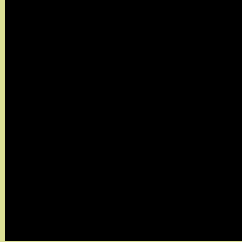
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.0259, 70.0053, 38.7297

Background



This preview shows how black text looks on a background with the XYZ color 61.0259, 70.0053, 38.7297.



This preview shows how white text looks on a background with the XYZ color 61.0259, 70.0053,

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

61.0259, 70.0053, 38.7297

Protanopia

64.9299, 70.0823, 37.7088

Deuteranopia

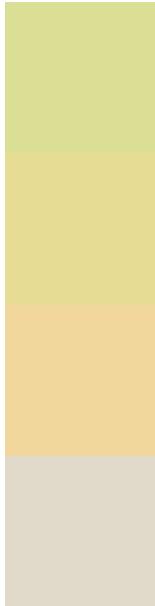
70.7196, 69.9264, 43.4880



Tritanopia

70.3903, 69.9597, 84.6565

Trichromacy



Original Color

61.0259, 70.0053, 38.7297

Protanomaly

63.5716, 70.1475, 38.2062

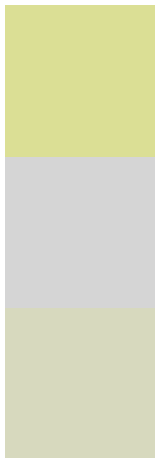
Deuteranomaly

67.0042, 69.9124, 41.8612

Tritanomaly

66.4068, 69.8503, 65.2408

Monochromacy



Original Color

61.0259, 70.0053, 38.7297

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

62.1314, 67.7905, 58.5254

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.0259, 70.0053, 38.7297 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(219, 223, 149)` looks like.

```
.text, #text, p{  
    color:rgb(219, 223, 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(219, 223, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 223, 149) }
```

Border

The CSS property to change the border of an element to XYZ 61.0259, 70.0053, 38.7297 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(219, 223, 149) }
```


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

```
.border{ border-color:rgb(219, 223, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 223, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 223, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 223, 149); box-shadow:4px 4px 4px 4px rgb(219, 223, 149) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0259, 70.0053, 38.7297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 223, 149) }
```

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

```
.background{ background-color: rgb(219,  
223, 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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