

Converting Colors

XYZ(61.1088, 68.7870, 40.0651)

Have a look what the booklet for
XYZ(61.1088, 68.7870, 40.0651)
contains.

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Color

**XYZ(61.1618, 68.8585,
40.2044)**

Conversions

Conversions Part 1

Format	Color
Hex	DDDC99
RGB	221, 220, 153
RGB Percent	87%, 86%, 60%
CMY	0.1333, 0.1372, 0.4000
CMYK	0.00, 0.00, 0.31, 0.13
HSL	59°, 50%, 73%
HSV	59°, 31%, 87%
XYZ	61.1618, 68.8585, 40.2044
YIQ	212.6610, 22.1030, -20.6250

Conversions

Conversions Part 2

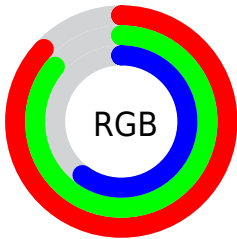
Format	Color
RYB	154, 221, 153
Decimal	14539929
CIELab	86.43, -9.86, 33.13
CIELCh	86, 34.562, 106.570
Yxy	68.8585, 0.3593, 0.4045
Android (android.graphics.Color)	4292730009 (0xFFDDDC99)
YUV	212.6610, -29.4129, 7.3133
Hunter-Lab	82.9810, -13.6520, 29.3606

Details

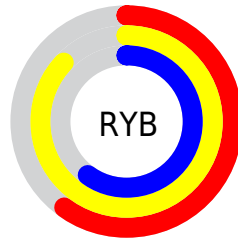
The XYZ color **61.1618, 68.8585, 40.2044** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.7435, 35.1031, 73.1931**, and the grayscale version is **63.2008, 66.4921, 72.4099**.

A 20% lighter version of the original color is **88.3852, 97.3341, 73.8035**, and **31.3211, 35.8492, 17.5807** is the 20% darker color. If you saturate the color by 10%, you get **59.4189, 68.0282, 31.4370**, and if you desaturate by 10%, it is **63.2464, 69.8306, 50.7553**.

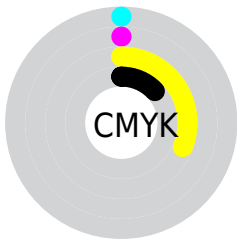
Distribution



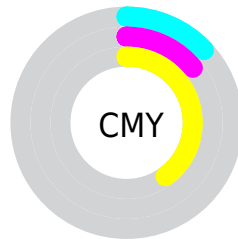
- Red (87%)
- Green (86%)
- Blue (60%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (31%)
- Black (13%)



- Cyan (13%)
- Magenta (14%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.1618, 68.8585, 40.2044 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 61.1618, 68.8585, 40.2044 by changing the saturation by 10% instead.

61.1618, 68.8585,
40.2044

61.1618, 68.8585,
40.2044

418.6334,
456.5318, 362.5620

44.6088, 50.5965,
27.3829

105.6100,
117.5794, 76.7152

31.3494, 35.8876,
17.6261

134.2358,
148.8072, 101.2415

21.0182, 24.3474,
10.5152

167.6167,
185.1256, 130.5067

13.2498, 15.5915,
5.6318

206.1179,
226.9191, 164.9290

7.6790, 9.2356,
2.5574

250.1048,
274.5720, 204.9272

3.9403, 4.8951,
0.8703

299.9428,

1.6684, 2.1859,

328.4689, 250.9197

0.0000

355.9973,
388.9940, 303.3252

■ 0.4364, 0.7123,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.1618, 68.8585,
40.2044

■ 61.1618, 68.8585,
40.2044

■ 59.4189, 68.0282,
31.4370

■ 63.2464, 69.8306,
50.7553

■ 57.9939, 67.3228,
24.3502

■ 65.6848, 70.9421,
63.1761

■ 56.8680, 66.7373,
18.8375

■ 68.4949, 72.2025,
77.5530

■ 56.0182, 66.2626,
14.7783

■ 71.6916, 73.6179,
93.9655

■ 55.4184, 65.8881,
12.0347

■ 73.8898, 74.6341,
105.1192

■ 55.0374, 65.6014,
10.4423

■ 73.9756, 74.8056,
105.1477

■ 54.8302, 65.3948,
9.7326

■ 74.0615, 74.9774,
105.1764

■ 74.1476, 75.1496,
105.2051

■ 74.2338, 75.3220,
105.2338

Harmonies

Analogous

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



69.0829, 68.8585, 39.7937



61.1618, 68.8585, 40.2044



54.9087, 68.8585, 48.6032

Triad

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



61.1618, 68.8585, 40.2044



55.4402, 68.8585, 111.6997



81.5644, 68.8585, 85.6702

Complementary

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



61.1618, 68.8585, 40.2044



37.7435, 35.1031, 73.1931

Split Complementary

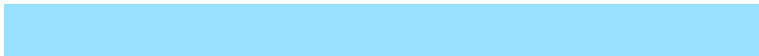
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.2562, 68.8585, 109.4895



61.1618, 68.8585, 40.2044



61.9428, 68.8585, 126.4557

Square

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



61.1618, 68.8585, 40.2044



51.7942, 68.8585, 88.2422



69.9298, 68.8585, 125.5731



81.3122, 68.8585, 63.1094

Rectangle

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



61.1618, 68.8585, 40.2044



52.3342, 68.8585, 58.7993



69.9298, 68.8585, 125.5731



80.5875, 68.8585, 93.8750

Sweetspot

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



61.1635, 68.8616, 40.2058



91.4656, 98.3951, 90.5526



47.0545, 40.4930, 35.9669



19.4620, 21.0085, 18.7927



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.



61.1635, 68.8616, 40.2058



82.9635, 94.4636, 47.4173



52.3787, 64.7215, 39.8697



14.1451, 15.2295, 13.9196



31.8594, 38.0043, 5.6564



2.0693, 2.4728, 0.3682

Inverse Universe

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



37.7435, 35.1031, 73.1931



45.6031, 40.6120, 100.0431



44.6604, 38.4262, 73.4700



12.3539, 12.6475, 16.4422



7.6091, 3.0877, 39.9333



0.4985, 0.2110, 2.5889

Previews

White Background



This preview shows how the XYZ color 61.1618, 68.8585, 40.2044 looks on a white background.

Color Contrast Check

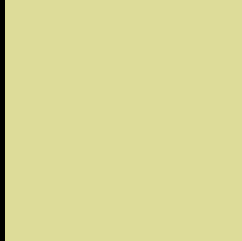
Large Text (above 18pt) WCAG AA × Fail

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 61.1618, 68.8585, 40.2044 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

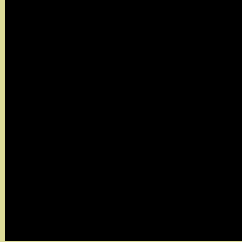
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.1618, 68.8585, 40.2044

Background



This preview shows how black text looks on a background with the XYZ color 61.1618, 68.8585, 40.2044.



This preview shows how white text looks on a background with the XYZ color 61.1618, 68.8585,

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

61.1618, 68.8585, 40.2044

Protanopia

63.7461, 68.6697, 39.1730

Deuteranopia

69.8108, 68.3889, 42.3218



Tritanopia

69.7925, 68.9576, 82.3047

Trichromacy



Original Color

61.1618, 68.8585, 40.2044

Protanomaly

62.7934, 68.5507, 39.6278

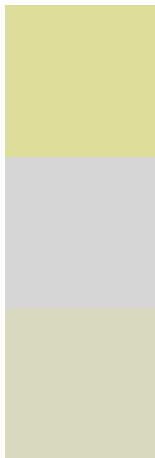
Deuteranomaly

66.5914, 68.5760, 41.6250

Tritanomaly

66.1504, 68.5942, 64.3971

Monochromacy



Original Color

61.1618, 68.8585, 40.2044

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

62.2787, 67.4723, 59.0312

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1618, 68.8585, 40.2044 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(221, 220, 153)` looks like.

```
.text, #text, p{  
    color:rgb(221, 220, 153)  
}
```

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(221, 220, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 220, 153) }
```

Border

The CSS property to change the border of an element to XYZ 61.1618, 68.8585, 40.2044 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(221, 220, 153) }
```


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

```
.border{ border-color:rgb(221, 220, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 220, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 220, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 220, 153);  
box-shadow:4px 4px 4px 4px rgb(221, 220,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1618, 68.8585, 40.2044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 220, 153) }
```

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

```
.background{ background-color: rgb(221,  
220, 153) }
```

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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