

Converting Colors

XYZ(57.5860, 69.4664, 40.5939)

Have a look what the booklet for
XYZ(57.5860, 69.4664, 40.5939)
contains.

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Color

**XYZ(57.5747, 69.3891,
40.4959)**

Conversions

Conversions Part 1

Format	Color
Hex	CBE299
RGB	203, 226, 153
RGB Percent	80%, 89%, 60%
CMY	0.2039, 0.1137, 0.4000
CMYK	0.10, 0.00, 0.32, 0.11
HSL	79°, 56%, 74%
HSV	79°, 32%, 89%
XYZ	57.5747, 69.3891, 40.4959
YIQ	210.8010, 9.7250, -27.5790

Conversions

Conversions Part 2

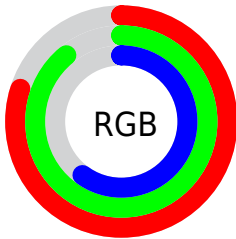
Format	Color
RYB	153, 226, 176
Decimal	13361817
CIELab	86.70, -19.60, 33.23
CIELCh	87, 38.582, 120.528
Yxy	69.3891, 0.3438, 0.4144
Android (android.graphics.Color)	4291551897 (0xFFCBE299)
YUV	210.8010, -28.4959, -6.8415
Hunter-Lab	83.3001, -22.4010, 29.4866

Details

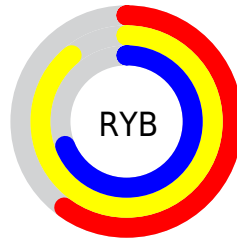
The XYZ color **57.5747, 69.3891, 40.4959** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **43.0259, 37.5054, 76.9269**, and the grayscale version is **61.9647, 65.1916, 70.9937**.

A 20% lighter version of the original color is **88.3852, 97.3341, 73.8035**, and **29.1246, 36.3613, 17.7953** is the 20% darker color. If you saturate the color by 10%, you get **53.9874, 67.7376, 31.4900**, and if you desaturate by 10%, it is **61.6082, 71.2341, 51.3710**.

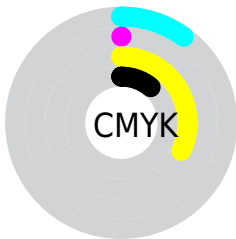
Distribution



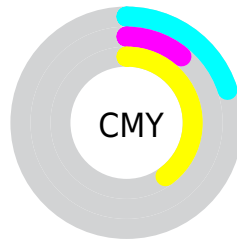
- Red (80%)
- Green (89%)
- Blue (60%)



- Red (60%)
- Yellow (89%)
- Blue (69%)



- Cyan (10%)
- Magenta (0%)
- Yellow (32%)
- Black (11%)



- Cyan (20%)
- Magenta (11%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.5747, 69.3891, 40.4959 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 57.5747, 69.3891, 40.4959 by changing the saturation by 10% instead.


 57.5747, 69.3891,
40.4959


 57.5747, 69.3891,
40.4959

405.5788,
458.4021, 363.8234

 41.7088, 51.0287,
27.6087


 100.4298,
118.3372, 77.1634

 29.0634, 36.2314,
17.7944


 128.1497,
149.6936, 101.7807

 19.2733, 24.6130,
10.6346


160.5516,
186.1507, 131.1452

 11.9731, 15.7889,
5.7106

198.0008,
228.0931, 165.6754

 6.7974, 9.3749,
2.6040

240.8628,
275.9050, 205.7897

 3.3809, 4.9865,
0.8945

289.5029,

 1.3583, 2.2394,

329.9709, 251.9068

0.0000

344.2864,
390.6751, 304.4452

■ 0.2262, 0.7413,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.5747, 69.3891,
40.4959

■ 57.5747, 69.3891,
40.4959

■ 53.9874, 67.7376,
31.4900

■ 61.6082, 71.2341,
51.3710

■ 50.8199, 66.2618,
24.2433


■ 66.1023, 73.2714,
64.2079


■ 48.0507, 64.9553,
18.6413


■ 71.0769, 75.5115,
79.0987


■ 45.6538, 63.8077,
14.5541


■ 76.5494, 77.9614,
96.1280


 43.5998, 62.8069,
11.8324


 80.7129, 79.8986,
105.7757

 41.8531, 61.9386,
10.2963

 83.1600, 81.1601,
105.8902

 40.6743, 61.3430,
9.6966

 85.7027, 82.4709,
106.0092

 86.4878, 82.8756,
106.0459

Harmonies

Analogous

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



65.7936, 69.3891, 36.1458



57.5747, 69.3891, 40.4959



52.0493, 69.3891, 53.7656

Triad

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



57.5747, 69.3891, 40.4959



57.8263, 69.3891, 127.2224



84.7431, 69.3891, 75.0991

Complementary

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



57.5747, 69.3891, 40.4959



43.0259, 37.5054, 76.9269

Split Complementary

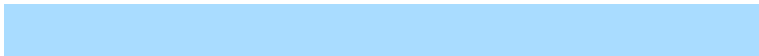
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.1337, 69.3891, 102.5504



57.5747, 69.3891, 40.4959



66.1112, 69.3891, 136.4814

Square

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



57.5747, 69.3891, 40.4959



52.1850, 69.3891, 103.5190



75.1054, 69.3891, 126.5798



81.9500, 69.3891, 53.1402

Rectangle

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



57.5747, 69.3891, 40.4959



50.3628, 69.3891, 67.7129



75.1054, 69.3891, 126.5798



84.4664, 69.3891, 83.9759

Sweetspot

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



57.5765, 69.3922, 40.4974



88.3180, 96.9728, 88.5581



52.4268, 49.0919, 36.8504



18.7124, 20.6698, 18.3911



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.



57.5765, 69.3922, 40.4974



72.3582, 89.6982, 44.7529



49.0118, 64.9769, 40.0966



14.4297, 15.8017, 14.5963



23.3313, 35.0603, 5.5376



1.7085, 2.4772, 0.3881

Inverse Universe

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



43.0259, 37.5054, 76.9269



50.3295, 41.3970, 99.9455



52.0999, 42.1832, 77.3516



13.3565, 13.4518, 17.2802



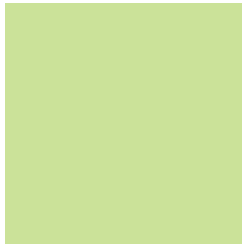
9.4316, 3.9575, 41.3151



0.7442, 0.3210, 2.8680

Previews

White Background



This preview shows how the XYZ color 57.5747, 69.3891, 40.4959 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 57.5747, 69.3891, 40.4959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

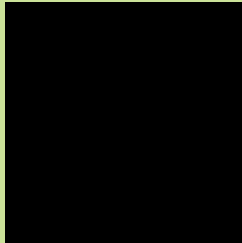
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.5747, 69.3891, 40.4959

Background



This preview shows how black text looks on a background with the XYZ color 57.5747, 69.3891, 40.4959.



This preview shows how white text looks on a background with the XYZ color 57.5747, 69.3891,

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

57.5747, 69.3891, 40.4959

Protanopia

64.1694, 69.2881, 38.4256

Deuteranopia

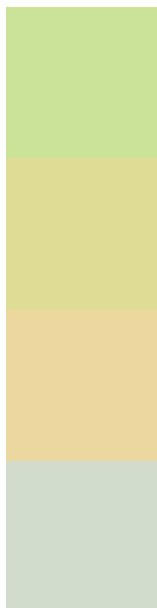
70.2289, 68.9450, 43.3245



Tritanopia

66.9954, 69.2911, 86.9343

Trichromacy



Original Color

57.5747, 69.3891, 40.4959

Protanomaly

61.5296, 69.0764, 38.9443

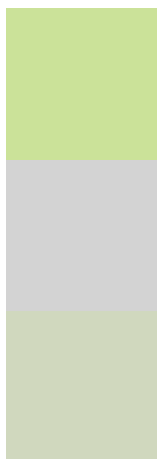
Deuteranomaly

65.0641, 68.9024, 42.2180

Tritanomaly

63.0706, 69.2477, 67.1687

Monochromacy



Original Color

57.5747, 69.3891, 40.4959

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

59.8626, 66.2393, 58.3456

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5747, 69.3891, 40.4959 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(203, 226, 153)` looks like.

```
.text, #text, p{  
    color:rgb(203, 226, 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(203, 226, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 226, 153) }
```

Border

The CSS property to change the border of an element to XYZ 57.5747, 69.3891, 40.4959 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(203, 226, 153) }
```


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

```
.border{ border-color:rgb(203, 226, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 226, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 226, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 226, 153);  
box-shadow:4px 4px 4px 4px rgb(203, 226,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5747, 69.3891, 40.4959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 226, 153) }
```

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

```
.background{ background-color: rgb(203,  
226, 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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