

Converting Colors

XYZ(60.0716, 67.7950, 50.7037)

Have a look what the booklet for
XYZ(60.0716, 67.7950, 50.7037)
contains.

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Color

**XYZ(59.9333, 67.6071,
50.4481)**

Conversions

Conversions Part 1

Format	Color
Hex	D3DBAF
RGB	211, 219, 175
RGB Percent	83%, 86%, 69%
CMY	0.1725, 0.1412, 0.3137
CMYK	0.04, 0.00, 0.20, 0.14
HSL	71°, 38%, 77%
HSV	71°, 20%, 86%
XYZ	59.9333, 67.6071, 50.4481
YIQ	211.5920, 9.3560, -15.3800

Conversions

Conversions Part 2

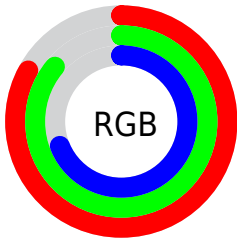
Format	Color
RYB	175, 219, 183
Decimal	13884335
CIELab	85.81, -10.08, 20.77
CIELCh	86, 23.088, 115.874
Yxy	67.6071, 0.3367, 0.3798
Android (android.graphics.Color)	4292074415 (0xFFD3DBAF)
YUV	211.5920, -18.0399, -0.5192
Hunter-Lab	82.2235, -13.7813, 21.1792

Details

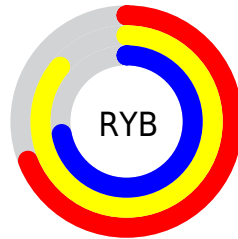
The XYZ color **59.9333, 67.6071, 50.4481** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **47.6474, 45.8436, 73.3591**, and the grayscale version is **62.4215, 65.6723, 71.5172**.

A 20% lighter version of the original color is **91.4238, 98.5495, 89.8047**, and **30.4986, 35.0240, 23.5652** is the 20% darker color. If you saturate the color by 10%, you get **56.8277, 66.2369, 39.9708**, and if you desaturate by 10%, it is **63.4196, 69.1374, 62.7670**.

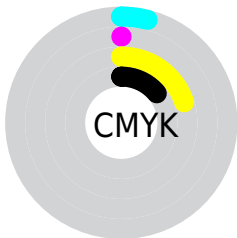
Distribution



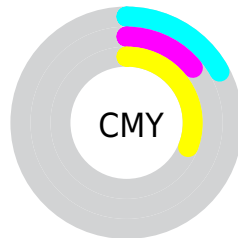
- Red (83%)
- Green (86%)
- Blue (69%)



- Red (69%)
- Yellow (86%)
- Blue (72%)



- Cyan (4%)
- Magenta (0%)
- Yellow (20%)
- Black (14%)



- Cyan (17%)
- Magenta (14%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.9333, 67.6071, 50.4481 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 59.9333, 67.6071, 50.4481 by changing the saturation by 10% instead.

■ 59.9333, 67.6071,
50.4481

■ 59.9333, 67.6071,
50.4481

414.1906,
452.1027, 405.2009

■ 43.6141, 49.5782,
35.3959

■ 103.8398,
115.7899, 92.2416

■ 30.5639, 35.0783,
23.6820

132.1578,
146.7125, 119.8199

■ 20.4172, 23.7232,
14.8879

165.2062,
182.7019, 152.4108

■ 12.8087, 15.1284,
8.5950

203.3503,
224.1423, 190.4326

■ 7.3730, 8.9096,
4.3848

246.9554,
271.4182, 234.3040

■ 3.7449, 4.6822,
1.8387

296.3869,

■ 1.5588, 2.0621,

324.9140, 284.4435

0.4533

352.0102,
385.0140, 341.2696

■ 0.3653, 0.6432,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.9333, 67.6071,
50.4481

■ 59.9333, 67.6071,
50.4481

■ 56.8277, 66.2369,
39.9708

■ 63.4196, 69.1374,
62.7670

■ 54.0806, 65.0111,
31.2422

■ 67.2972, 70.8252,
77.0056

■ 51.6753, 63.9252,
24.1681

■ 71.5828, 72.6796,
93.2429

■ 49.5918, 62.9712,
18.6436

■ 75.0417, 74.2066,
104.9759

■ 47.8075, 62.1401,
14.5517

■ 76.3125, 74.8617,
105.0354

■ 46.2969, 61.4216,
11.7589

■ 77.6127, 75.5320,
105.0962

■ 45.0298, 60.8036,
10.1068

■ 78.9423, 76.2174,
105.1585

■ 43.9612, 60.2692,
9.3161

■ 80.3016, 76.9182,
105.2221

■ 81.6907, 77.6343,
105.2871

Harmonies

Analogous

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



64.9911, 67.6071, 48.2753



59.9333, 67.6071, 50.4481



56.2229, 67.6071, 58.4895

Triad

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



59.9333, 67.6071, 50.4481



58.7347, 67.6071, 100.3713



74.9149, 67.6071, 75.7226

Complementary

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



59.9333, 67.6071, 50.4481



47.6474, 45.8436, 73.3591

Split Complementary

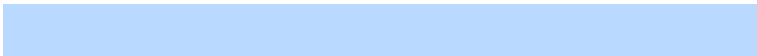
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.0255, 67.6071, 91.1409



59.9333, 67.6071, 50.4481



63.5315, 67.6071, 106.5518

Square

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



59.9333, 67.6071, 50.4481



55.5579, 67.6071, 87.0301



68.7870, 67.6071, 102.9633



73.8231, 67.6071, 61.6504

Rectangle

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



59.9333, 67.6071, 50.4481



54.9160, 67.6071, 66.7485



68.7870, 67.6071, 102.9633



74.6047, 67.6071, 80.9320

Sweetspot

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



59.9351, 67.6101, 50.4495



91.6670, 98.5294, 96.3913



53.7499, 51.7498, 47.7142



19.5444, 21.0562, 20.3534



0.0000, 0.0000, 0.0000



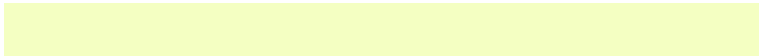
20.3446, 21.4041, 23.3091

Same Dimension

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



59.9351, 67.6101, 50.4495



82.7370, 94.6153, 64.8231



54.2238, 64.6658, 50.1823



13.9178, 15.1379, 13.9139



26.1508, 35.7787, 5.5277



1.7559, 2.3497, 0.3610

Inverse Universe

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



47.6474, 45.8436, 73.3591



62.4558, 58.6843, 102.6432



53.1117, 48.6606, 73.6148



12.5585, 12.7305, 16.4475



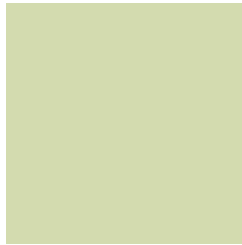
8.1632, 3.3325, 39.9514



0.5957, 0.2504, 2.5914

Previews

White Background



This preview shows how the XYZ color 59.9333, 67.6071, 50.4481 looks on a white background.

Color Contrast Check

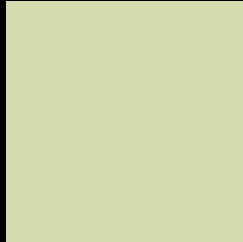
Large Text (above 18pt) WCAG AA × Fail

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 59.9333, 67.6071, 50.4481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

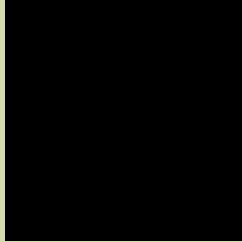
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

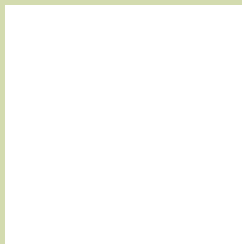
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.9333, 67.6071, 50.4481

Background



This preview shows how black text looks on a background with the XYZ color 59.9333, 67.6071, 50.4481.



This preview shows how white text looks on a background with the XYZ color 59.9333, 67.6071,

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

59.9333, 67.6071, 50.4481

Protanopia

63.2679, 67.4412, 49.2180

Deuteranopia

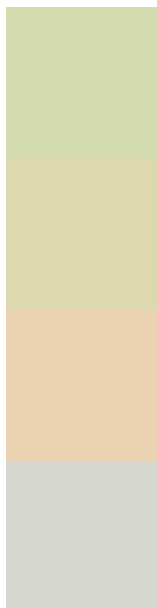
68.8186, 67.3134, 51.4851



Tritanopia

66.4605, 67.5938, 82.9429

Trichromacy



Original Color

59.9333, 67.6071, 50.4481

Protanomaly

62.0146, 67.5399, 49.8124

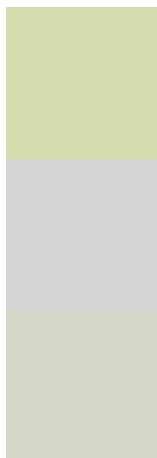
Deuteranomaly

65.4910, 67.4250, 51.1576

Tritanomaly

63.8334, 67.6514, 70.0152

Monochromacy



Original Color

59.9333, 67.6071, 50.4481

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

61.7606, 66.7214, 63.6562

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9333, 67.6071, 50.4481 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(211, 219, 175)` looks like.

```
.text, #text, p{  
    color:rgb(211, 219, 175)  
}
```

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(211, 219, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 219, 175) }
```

Border

The CSS property to change the border of an element to XYZ 59.9333, 67.6071, 50.4481 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(211, 219, 175) }
```


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

```
.border{ border-color:rgb(211, 219, 175) }
```

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

Here you see how a box with a 4 pixel rgb(211, 219, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 219, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 219, 175);  
box-shadow:4px 4px 4px 4px rgb(211, 219,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9333, 67.6071, 50.4481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 219, 175) }
```

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

```
.background{ background-color: rgb(211,  
219, 175) }
```

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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