

Converting Colors

XYZ(59.5096, 67.3630, 51.6759)

Have a look what the booklet for
XYZ(59.5096, 67.3630, 51.6759)
contains.

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Color

**XYZ(59.5618, 67.3927,
51.4638)**

Conversions

Conversions Part 1

Format	Color
Hex	D1DBB1
RGB	209, 219, 177
RGB Percent	82%, 86%, 69%
CMY	0.1804, 0.1412, 0.3059
CMYK	0.05, 0.00, 0.19, 0.14
HSL	74°, 37%, 78%
HSV	74°, 19%, 86%
XYZ	59.5618, 67.3927, 51.4638
YIQ	211.2220, 7.5220, -15.1820

Conversions

Conversions Part 2

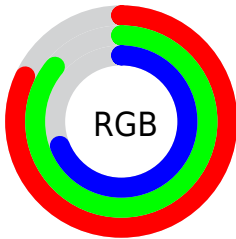
Format	Color
RYB	177, 219, 187
Decimal	13753265
CIELab	85.70, -10.50, 19.56
CIELCh	86, 22.196, 118.229
Yxy	67.3927, 0.3338, 0.3777
Android (android.graphics.Color)	4291943345 (0xFFD1DBB1)
YUV	211.2220, -16.8714, -1.9487
Hunter-Lab	82.0931, -14.1540, 20.2965

Details

The XYZ color **59.5618, 67.3927, 51.4638** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.0046, 47.1254, 73.5349**, and the grayscale version is **62.1697, 65.4074, 71.2286**.

A 20% lighter version of the original color is **91.7080, 98.6632, 91.3012**, and **30.2400, 34.8762, 24.2067** is the 20% darker color. If you saturate the color by 10%, you get **56.1005, 65.8427, 40.8071**, and if you desaturate by 10%, it is **63.4254, 69.1137, 63.9708**.

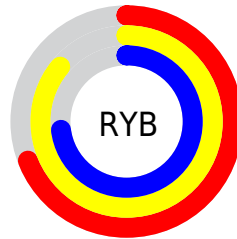
Distribution



Red (82%)

Green (86%)

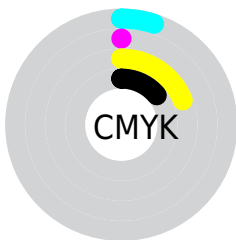
Blue (69%)



Red (69%)

Yellow (86%)

Blue (73%)

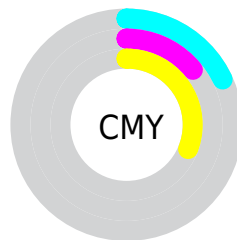


Cyan (5%)

Magenta (0%)

Yellow (19%)

Black (14%)



Cyan (18%)

Magenta (14%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.5618, 67.3927, 51.4638 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 59.5618, 67.3927, 51.4638 by changing the saturation by 10% instead.

■ 59.5618, 67.3927,
51.4638

■ 59.5618, 67.3927,
51.4638

412.8414,
451.3413, 409.2610

■ 43.3136, 49.4038,
36.1986

■ 103.3037,
115.4829, 93.7585

■ 30.3269, 34.9399,
24.2967

131.5282,
146.3531, 121.6250

■ 20.2361, 23.6166,
15.3396

164.4754,
182.2858, 154.5291

■ 12.6761, 15.0495,
8.9088

202.5109,
223.6654, 192.8892

■ 7.2813, 8.8541,
4.5858

245.9998,
270.8764, 237.1239

■ 3.6865, 4.6461,
1.9519

295.3076,

■ 1.5264, 2.0412,

324.3031, 287.6517

0.5254

350.7997,
384.3299, 344.8912

■ 0.3437, 0.6312,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.5618, 67.3927,
51.4638

■ 59.5618, 67.3927,
51.4638

■ 56.1005, 65.8427,
40.8071

■ 63.4254, 69.1137,
63.9708

■ 53.0190, 64.4479,
31.9084

■ 67.7019, 71.0032,
78.4057

■ 50.3007, 63.2038,
24.6742

■ 72.4082, 73.0704,
94.8471

■ 47.9251, 62.1023,
19.0004

■ 75.9733, 74.6868,
105.0195

■ 45.8700, 61.1344,
14.7715

■ 77.6713, 75.5622,
105.0990

■ 44.1099, 60.2897,
11.8557

■ 79.4199, 76.4636,
105.1808

■ 42.6146, 59.5562,
10.0972

■ 81.2195, 77.3913,
105.2650

■ 41.3359, 58.9146,
9.2446

■ 83.0704, 78.3455,
105.3517

■ 41.2356, 58.8640,
9.1885

■ 84.6229, 79.1459,
105.4243

Harmonies

Analogous

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



64.3559, 67.3927, 48.9018



59.5618, 67.3927, 51.4638



56.1336, 67.3927, 59.6631

Triad

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



59.5618, 67.3927, 51.4638



59.0670, 67.3927, 99.7108



74.2806, 67.3927, 74.2438

Complementary

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



59.5618, 67.3927, 51.4638



49.0046, 47.1254, 73.5349

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.



72.6880, 67.3927, 89.0511



59.5618, 67.3927, 51.4638



63.7545, 67.3927, 104.9047

Square

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



59.5618, 67.3927, 51.4638



55.8587, 67.3927, 87.3647



68.7681, 67.3927, 100.7711



73.0157, 67.3927, 60.9720

Rectangle

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



59.5618, 67.3927, 51.4638



54.9937, 67.3927, 67.8400



68.7681, 67.3927, 100.7711



74.0601, 67.3927, 79.2120

Sweetspot

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



59.5636, 67.3957, 51.4652



91.3556, 98.3688, 96.3767



54.8795, 53.6923, 49.0671



19.4706, 21.0181, 20.3499



0.0000, 0.0000, 0.0000



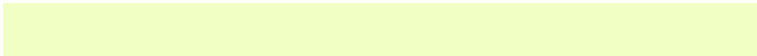
20.3446, 21.4041, 23.3091

Same Dimension

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



59.5636, 67.3957, 51.4652



82.0496, 94.2275, 66.2969



54.0580, 64.5574, 51.2076



13.8433, 15.0995, 13.9104



24.5514, 34.9542, 5.4528



1.6651, 2.3029, 0.3568

Inverse Universe

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



49.0046, 47.1254, 73.5349



64.5385, 60.6066, 102.9044



54.4669, 49.9413, 73.7905



12.6276, 12.7662, 16.4507



8.5082, 3.5103, 39.9675



0.6283, 0.2672, 2.5929

Previews

White Background



This preview shows how the XYZ color 59.5618, 67.3927, 51.4638 looks on a white background.

Color Contrast Check

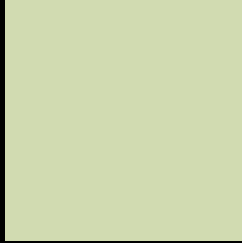
Large Text (above 18pt) WCAG AA × Fail

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 59.5618, 67.3927, 51.4638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

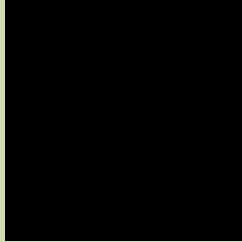
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

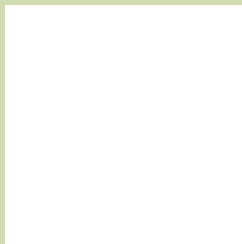
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.5618, 67.3927, 51.4638

Background



This preview shows how black text looks on a background with the XYZ color 59.5618, 67.3927, 51.4638.



This preview shows how white text looks on a background with the XYZ color 59.5618, 67.3927,

51.4638.

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

59.5618, 67.3927, 51.4638

Protanopia

63.3651, 67.4800, 49.7296

Deuteranopia

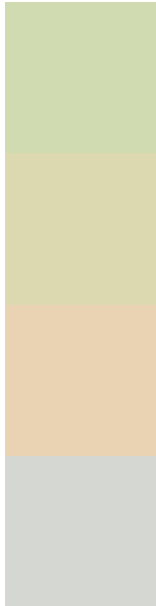
68.6673, 67.2121, 52.5341



Tritanopia

66.0052, 67.3430, 83.6484

Trichromacy



Original Color

59.5618, 67.3927, 51.4638

Protanomaly

61.8089, 67.4225, 50.3136

Deuteranomaly

65.0352, 67.1668, 52.1846

Tritanomaly

63.3739, 67.4002, 70.6421

Monochromacy



Original Color

59.5618, 67.3927, 51.4638

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

60.9337, 65.9183, 63.5448

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5618, 67.3927, 51.4638 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(209, 219, 177)` looks like.

```
.text, #text, p{  
    color:rgb(209, 219, 177)  
}
```

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(209, 219, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 219, 177) }
```

Border

The CSS property to change the border of an element to XYZ 59.5618, 67.3927, 51.4638 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(209, 219, 177) }
```


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

```
.border{ border-color:rgb(209, 219, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 219, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 219, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 219, 177);  
box-shadow:4px 4px 4px 4px rgb(209, 219,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5618, 67.3927, 51.4638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 219, 177) }
```

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

```
.background{ background-color: rgb(209,  
219, 177) }
```

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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