

Converting Colors

XYZ(57.3016, 61.8351, 39.2736)

Have a look what the booklet for
XYZ(57.3016, 61.8351, 39.2736)
contains.

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Color

**XYZ(57.3590, 62.0188,
39.5195)**

Conversions

Conversions Part 1

Format	Color
Hex	DBC9A
RGB	219, 207, 154
RGB Percent	86%, 81%, 60%
CMY	0.1412, 0.1882, 0.3961
CMYK	0.00, 0.05, 0.30, 0.14
HSL	49°, 47%, 73%
HSV	49°, 30%, 86%
XYZ	57.3590, 62.0188, 39.5195
YIQ	204.5460, 24.1650, -13.9390

Conversions

Conversions Part 2

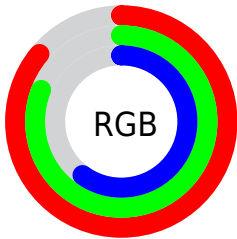
Format	Color
RYB	169, 219, 154
Decimal	14405530
CIELab	82.92, -3.86, 27.89
CIELCh	83, 28.160, 97.886
Yxy	62.0188, 0.3610, 0.3903
Android (android.graphics.Color)	4292595610 (0xFFDBC9A)
YUV	204.5460, -24.9192, 12.6762
Hunter-Lab	78.7520, -7.8056, 25.3734

Details

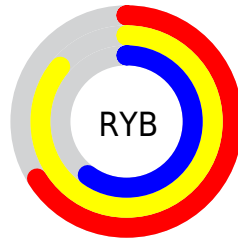
The XYZ color **57.3590, 62.0188, 39.5195** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.7486, 39.2559, 72.5003**, and the grayscale version is **57.8837, 60.8982, 66.3181**.

A 20% lighter version of the original color is **88.5086, 97.3834, 74.4536**, and **28.8938, 31.5283, 17.1331** is the 20% darker color. If you saturate the color by 10%, you get **54.7328, 59.4238, 30.4515**, and if you desaturate by 10%, it is **60.3462, 64.8027, 50.3510**.

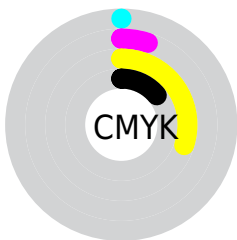
Distribution



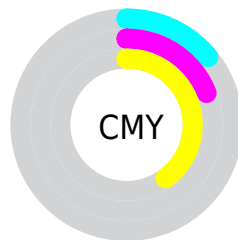
- Red (86%)
- Green (81%)
- Blue (60%)



- Red (66%)
- Yellow (86%)
- Blue (60%)



- Cyan (0%)
- Magenta (5%)
- Yellow (30%)
- Black (14%)



- Cyan (14%)
- Magenta (19%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.3590, 62.0188, 39.5195 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 57.3590, 62.0188, 39.5195 by changing the saturation by 10% instead.

■ 57.3590, 62.0188,
39.5195

■ 57.3590, 62.0188,
39.5195

404.7856,
431.9997, 359.5858

■ 41.5348, 45.0479,
26.8532

■ 100.1172,
107.7527, 75.6603

■ 28.9267, 31.4951,
17.2315

■ 127.7818,
137.2845, 99.9719

■ 19.1694, 20.9762,
10.2360

160.1241,
171.7720, 129.0023

■ 11.8975, 13.1066,
5.4481

197.5092,
211.5997, 163.1701

■ 6.7456, 7.5020,
2.4492

240.3025,
257.1519, 202.8938

■ 3.3484, 3.7780,
0.8130

288.8695,

■ 1.3406, 1.5502,

308.8130, 248.5920

0.0000

343.5754,
366.9675, 300.6832

■ 0.2133, 0.3236,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.3590, 62.0188,
39.5195

■ 57.3590, 62.0188,
39.5195

■ 54.7328, 59.4238,
30.4515

■ 60.3462, 64.8027,
50.3510

■ 52.4446, 57.0016,
23.0478

■ 63.7067, 67.7741,
63.0304

■ 50.4760, 54.7467,
17.2050

■ 67.4578, 70.9425,
77.6412

■ 48.8047, 52.6500,
12.8068

■ 71.6143, 74.3140,
94.2609

■ 47.4052, 50.7009,
9.7203

■ 74.7908, 77.3347,
105.5929

■ 46.2476, 48.8872,
7.7885

■ 75.9106, 79.5743,
105.9662

■ 45.2805, 47.1879,
6.7418

■ 77.0566, 81.8662,
106.3482

■ 45.2508, 47.1346,
6.7129

■ 78.2288, 84.2107,
106.7389

■ 79.4275, 86.6081,
107.1385

Harmonies

Analogous

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



63.4537, 62.0188, 41.0387



57.3590, 62.0188, 39.5195



52.0619, 62.0188, 44.4203

Triad

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



57.3590, 62.0188, 39.5195



50.2017, 62.0188, 90.2212



70.4424, 62.0188, 80.9180

Complementary

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



57.3590, 62.0188, 39.5195



39.7486, 39.2559, 72.5003

Split Complementary

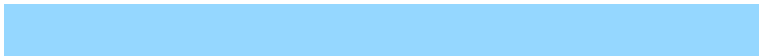
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



66.4139, 62.0188, 97.5152



57.3590, 62.0188, 39.5195



54.6589, 62.0188, 103.4969

Square

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



57.3590, 62.0188, 39.5195



48.1187, 62.0188, 72.2221



60.5641, 62.0188, 106.3733



71.2889, 62.0188, 63.0417

Rectangle

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



57.3590, 62.0188, 39.5195



49.5979, 62.0188, 51.2620



60.5641, 62.0188, 106.3733



69.4028, 62.0188, 86.9151

Sweetspot

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



57.3606, 62.0216, 39.5208



90.2363, 95.9365, 90.1428



47.7446, 40.9620, 41.9500



19.1570, 20.3984, 18.6910



0.0000, 0.0000, 0.0000



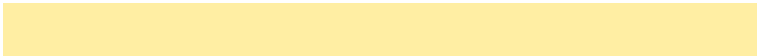
20.3446, 21.4041, 23.3091

Same Dimension

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



57.3606, 62.0216, 39.5208



78.4606, 85.0951, 47.0340



54.8508, 65.2071, 40.2679



13.9473, 14.8339, 13.8537



26.9062, 28.0981, 4.0054



1.7972, 1.9286, 0.2775

Inverse Universe

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



39.7486, 39.2559, 72.5003



49.5449, 47.7271, 101.2087



41.6868, 37.1678, 71.9951



12.5321, 13.0040, 16.5016



8.0981, 4.0656, 40.0963



0.5831, 0.3803, 2.6171

Previews

White Background



This preview shows how the XYZ color 57.3590, 62.0188, 39.5195 looks on a white background.

Color Contrast Check

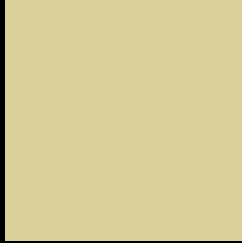
Large Text (above 18pt) WCAG AA × Fail

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 57.3590, 62.0188, 39.5195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

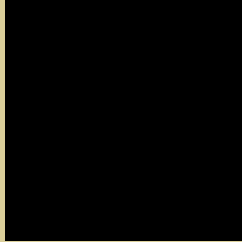
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.3590, 62.0188, 39.5195

Background



This preview shows how black text looks on a background with the XYZ color 57.3590, 62.0188, 39.5195.



This preview shows how white text looks on a background with the XYZ color 57.3590, 62.0188,

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

57.3590, 62.0188, 39.5195

Protanopia

57.7228, 61.8479, 39.4674

Deuteranopia

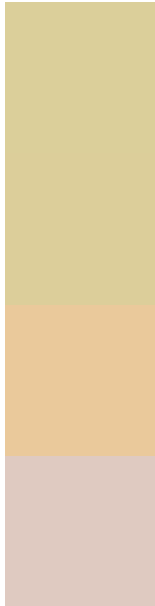
63.1570, 61.8432, 40.0607



Tritanopia

64.0532, 61.9219, 72.8661

Trichromacy



Original Color

57.3590, 62.0188, 39.5195

Protanomaly

57.4192, 61.6914, 39.4532

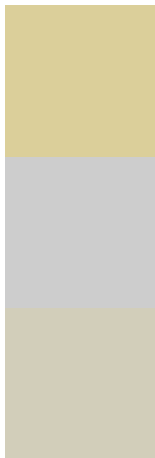
Deuteranomaly

60.7347, 61.6323, 39.7055

Tritanomaly

61.1776, 61.7793, 59.1523

Monochromacy



Original Color

57.3590, 62.0188, 39.5195

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.5126, 61.3894, 55.2725

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3590, 62.0188, 39.5195 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, 207, 154)` looks like.

```
.text, #text, p{  
    color:rgb(219, 207, 154)  
}
```

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, 207, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 207, 154) }
```

Border

The CSS property to change the border of an element to XYZ 57.3590, 62.0188, 39.5195 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, 207, 154) }
```


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

```
.border{ border-color:rgb(219, 207, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 207, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 207, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 207, 154);  
box-shadow:4px 4px 4px 4px rgb(219, 207,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3590, 62.0188, 39.5195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 207, 154) }
```

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

```
.background{ background-color: rgb(219,  
207, 154) }
```

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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