

Converting Colors

XYZ(59.1386, 63.6538, 50.9928)

Have a look what the booklet for
XYZ(59.1386, 63.6538, 50.9928)
contains.

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Color

**XYZ(59.3013, 63.8664,
50.7969)**

Conversions

Conversions Part 1

Format	Color
Hex	D8D2B1
RGB	216, 210, 177
RGB Percent	85%, 82%, 69%
CMY	0.1529, 0.1764, 0.3059
CMYK	0.00, 0.03, 0.18, 0.15
HSL	51°, 33%, 77%
HSV	51°, 18%, 85%
XYZ	59.3013, 63.8664, 50.7969
YIQ	208.0320, 14.1690, -8.9910

Conversions

Conversions Part 2

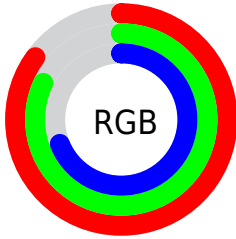
Format	Color
RYB	184, 216, 177
Decimal	14209713
CIELab	83.90, -3.34, 17.12
CIELCh	84, 17.442, 101.041
Yxy	63.8664, 0.3409, 0.3671
Android (android.graphics.Color)	4292399793 (0xFFD8D2B1)
YUV	208.0320, -15.2988, 6.9879
Hunter-Lab	79.9165, -7.3995, 18.2553

Details

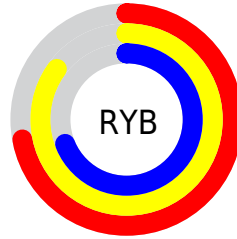
The XYZ color **59.3013, 63.8664, 50.7969** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **47.4595, 48.1710, 71.7628**, and the grayscale version is **60.0660, 63.1941, 68.8184**.

A 20% lighter version of the original color is **91.7080, 98.6632, 91.3012**, and **30.2245, 32.8092, 23.8086** is the 20% darker color. If you saturate the color by 10%, you get **56.5058, 61.4521, 40.0708**, and if you desaturate by 10%, it is **62.4580, 66.4567, 63.3263**.

Distribution



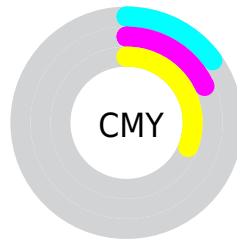
- Red (85%)
- Green (82%)
- Blue (69%)



- Red (72%)
- Yellow (85%)
- Blue (69%)



- Cyan (0%)
- Magenta (3%)
- Yellow (18%)
- Black (15%)



- Cyan (15%)
- Magenta (18%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.3013, 63.8664, 50.7969 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 59.3013, 63.8664, 50.7969 by changing the saturation by 10% instead.

■ 59.3013, 63.8664,
50.7969

■ 59.3013, 63.8664,
50.7969

411.8937,
438.7070, 406.5982

■ 43.1030, 46.5425,
35.6714

■ 102.9276,
110.4185, 92.7629

■ 30.1608, 32.6741,
23.8928

131.0863,
140.4155, 120.4405

■ 20.1094, 21.8769,
15.0427

163.9625,
175.4056, 153.1392

■ 12.5833, 13.7665,
8.7024

201.9216,
215.7732, 191.2775

■ 7.2172, 7.9584,
4.4534

245.3289,
261.9028, 235.2741

■ 3.6459, 4.0684,
1.8772

294.5498,

■ 1.5038, 1.7119,

314.1787, 285.5473

0.4782

349.9496,
372.9853, 342.5158

■ 0.3284, 0.4313,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.3013, 63.8664,
50.7969

■ 59.3013, 63.8664,
50.7969

■ 56.5058, 61.4521,
40.0708

■ 62.4580, 66.4567,
63.3263

■ 54.0504, 59.1988,
31.0595

■ 65.9860, 69.2207,
77.7335

■ 51.9193, 57.1021,
23.6735

■ 69.9010, 72.1671,
94.0940

■ 50.0937, 55.1543,
17.8132

■ 72.8337, 74.7483,
105.1969

■ 48.5523, 53.3467,
13.3684

■ 73.7312, 76.5432,
105.4960

■ 47.2715, 51.6698,
10.2138

■ 74.6462, 78.3732,
105.8010

■ 46.2230, 50.1120,
8.2021

■ 75.5787, 80.2383,
106.1119

■ 45.3666, 48.6572,
7.1213

■ 76.5290, 82.1388,
106.4286

■ 45.2102, 48.3813,
6.9557

■ 77.4971, 84.0750,
106.7513

Harmonies

Analogous

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



63.1314, 63.8664, 51.4118



59.3013, 63.8664, 50.7969



55.9872, 63.8664, 54.7913

Triad

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



59.3013, 63.8664, 50.7969



55.3075, 63.8664, 84.3541



67.9504, 63.8664, 76.6318

Complementary

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



59.3013, 63.8664, 50.7969



47.4595, 48.1710, 71.7628

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.



65.6766, 63.8664, 86.7222



59.3013, 63.8664, 50.7969



58.3378, 63.8664, 91.4948

Square

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



59.3013, 63.8664, 50.7969



53.7469, 63.8664, 73.6646



62.1268, 63.8664, 92.4044



68.2350, 63.8664, 65.5717

Rectangle

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



59.3013, 63.8664, 50.7969



54.4747, 63.8664, 59.8039



62.1268, 63.8664, 92.4044



67.3890, 63.8664, 80.2785

Sweetspot

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



59.3030, 63.8692, 50.7983



92.4425, 97.9616, 98.2376



52.6411, 49.4838, 51.8508



19.7105, 20.9076, 20.7183



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.



59.3030, 63.8692, 50.7983



84.6073, 91.5192, 67.1777



57.1209, 64.9831, 51.1283



13.3027, 14.1795, 13.1965



26.8240, 28.7653, 4.1385



1.6628, 1.8249, 0.2646

Inverse Universe

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



47.4595, 48.1710, 71.7628



64.0167, 64.2286, 103.6311



49.3528, 47.3502, 71.5045



11.8952, 12.3138, 15.6874



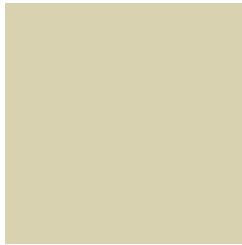
7.7117, 3.6851, 38.7580



0.5148, 0.3217, 2.3543

Previews

White Background



This preview shows how the XYZ color 59.3013, 63.8664, 50.7969 looks on a white background.

Color Contrast Check

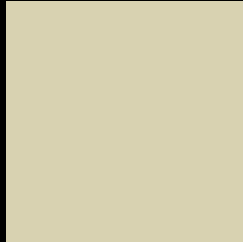
Large Text (above 18pt) WCAG AA × Fail

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 59.3013, 63.8664, 50.7969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

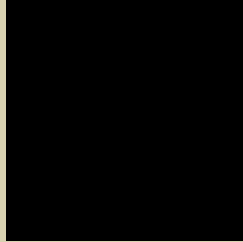
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

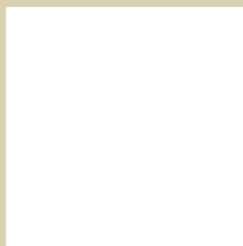
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.3013, 63.8664, 50.7969

Background



This preview shows how black text looks on a background with the XYZ color 59.3013, 63.8664, 50.7969.



This preview shows how white text looks on a background with the XYZ color 59.3013, 63.8664,

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

59.3013, 63.8664, 50.7969

Protanopia

60.1521, 63.9512, 50.2477

Deuteranopia

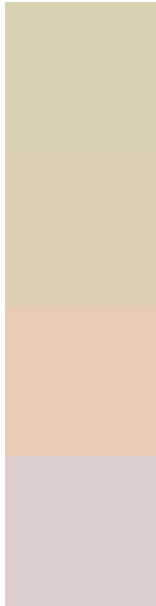
64.9585, 63.5532, 51.4911



Tritanopia

64.6353, 63.8826, 76.6341

Trichromacy



Original Color

59.3013, 63.8664, 50.7969

Protanomaly

59.8504, 63.7956, 50.2336

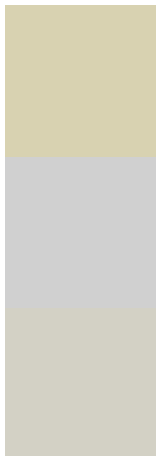
Deuteranomaly

62.5837, 63.3890, 51.0563

Tritanomaly

62.4856, 63.7179, 66.1322

Monochromacy



Original Color

59.3013, 63.8664, 50.7969

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.7425, 63.4810, 61.9276

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.3013, 63.8664, 50.7969 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(216, 210, 177)` looks like.

```
.text, #text, p{  
    color:rgb(216, 210, 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(216, 210, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 210, 177) }
```

Border

The CSS property to change the border of an element to XYZ 59.3013, 63.8664, 50.7969 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(216, 210, 177) }
```


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

```
.border{ border-color:rgb(216, 210, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 210, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 210, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 210, 177);  
box-shadow:4px 4px 4px 4px rgb(216, 210,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 59.3013, 63.8664, 50.7969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 210, 177) }
```

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

```
.background{ background-color: rgb(216,  
210, 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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