

Converting Colors

XYZ(59.0379, 65.1306, 37.8936)

Have a look what the booklet for
XYZ(59.0379, 65.1306, 37.8936)
contains.

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Color

**XYZ(59.0379, 65.1306,
37.8936)**

Conversions

Conversions Part 1

Format	Color
Hex	DDD595
RGB	221, 213, 149
RGB Percent	87%, 84%, 58%
CMY	0.1333, 0.1647, 0.4157
CMYK	0.00, 0.04, 0.33, 0.13
HSL	53°, 51%, 73%
HSV	53°, 33%, 87%
XYZ	59.0379, 65.1306, 37.8936
YIQ	208.0960, 25.3120, -18.2080

Conversions

Conversions Part 2

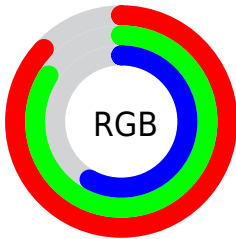
Format	Color
R _{YB}	158, 221, 149
Decimal	14538133
CIE Lab	84.55, -6.80, 32.68
CIE LCh	85, 33.383, 101.747
Yxy	65.1306, 0.3643, 0.4019
Android (android.graphics.Color)	4292728213 (0xFFDDD595)
YUV	208.0960, -29.1343, 11.3168
Hunter-Lab	80.7035, -10.6512, 28.6534

Details

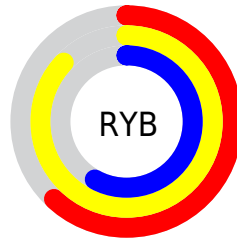
The XYZ color **59.0379, 65.1306, 37.8936** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.5024, 35.7230, 73.3254**, and the grayscale version is **60.1894, 63.3240, 68.9598**.

A 20% lighter version of the original color is **87.8991, 97.1396, 71.2438**, and **29.9016, 33.3161, 16.1639** is the 20% darker color. If you saturate the color by 10%, you get **56.8263, 63.2681, 29.2621**, and if you desaturate by 10%, it is **61.5970, 67.1517, 48.2942**.

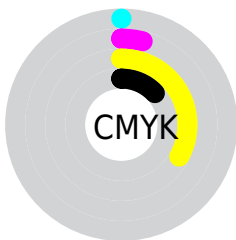
Distribution



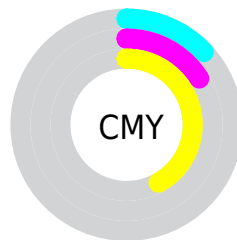
- Red (87%)
- Green (84%)
- Blue (58%)



- Red (62%)
- Yellow (87%)
- Blue (58%)



- Cyan (0%)
- Magenta (4%)
- Yellow (33%)
- Black (13%)



- Cyan (13%)
- Magenta (16%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.0379, 65.1306, 37.8936 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 59.0379, 65.1306, 37.8936 by changing the saturation by 10% instead.

■ 59.0379, 65.1306,
37.8936

■ 59.0379, 65.1306,
37.8936

410.9341,
443.2611, 352.4478

■ 42.8901, 47.5670,
25.5989

■ 102.5471,
112.2376, 73.1466

■ 29.9931, 33.4841,
16.3008

■ 130.6391,
142.5498, 96.9421

■ 19.9814, 22.4976,
9.5806

163.4434,
177.8803, 125.4082

■ 12.4897, 14.2230,
5.0198

201.3251,
218.6134, 158.9635

■ 7.1527, 8.2759,
2.2000

244.6497,
265.1337, 198.0266

■ 3.6049, 4.2720,
0.6743

293.7825,

■ 1.4812, 1.8268,

317.8255, 243.0160

0.0000

349.0889,
377.0732, 294.3502

■ 0.3130, 0.5038,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.0379, 65.1306,
37.8936

■ 59.0379, 65.1306,
37.8936

■ 56.8263, 63.2681,
29.2621

■ 61.5970, 67.1517,
48.2942

■ 54.9382, 61.5475,
22.2956

■ 64.5161, 69.3295,
60.5520

■ 53.3544, 59.9635,
16.8854

■ 67.8133, 71.6736,
74.7540

■ 52.0513, 58.5065,
12.9084

■ 71.5038, 74.1902,
90.9807

■ 51.0020, 57.1657,
10.2225

■ 74.8686, 76.5917,
105.4454

■ 50.1740, 55.9280,
8.6568

■ 75.5379, 77.9302,
105.6685

■ 49.6629, 55.0602,
8.0102

■ 76.2167, 79.2879,
105.8948

■ 76.9052, 80.6649,
106.1243

■ 77.6033, 82.0611,
106.3570

Harmonies

Analogous

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



66.4941, 65.1306, 38.6916



59.0379, 65.1306, 37.8936



52.8603, 65.1306, 44.5319

Triad

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



59.0379, 65.1306, 37.8936



51.8337, 65.1306, 101.8405



76.5073, 65.1306, 84.5372

Complementary

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



59.0379, 65.1306, 37.8936



37.5024, 35.7230, 73.3254

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.



71.9260, 65.1306, 106.0830



59.0379, 65.1306, 37.8936



57.5315, 65.1306, 117.3702

Square

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



59.0379, 65.1306, 37.8936



48.9293, 65.1306, 79.5877



64.8628, 65.1306, 119.0620



76.9923, 65.1306, 62.8985

Rectangle

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



59.0379, 65.1306, 37.8936



50.1399, 65.1306, 53.2376



64.8628, 65.1306, 119.0620



75.3792, 65.1306, 92.1300

Sweetspot

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



59.0395, 65.1336, 37.8950



90.3161, 96.6718, 88.3947



46.6868, 39.3158, 37.2065



19.1983, 20.5957, 18.3512



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.



59.0395, 65.1336, 37.8950



79.5405, 88.3207, 44.1084



53.3762, 65.2733, 38.2204



14.0323, 15.0040, 13.8821



28.9019, 32.0893, 4.6706



1.9084, 2.1508, 0.3146

Inverse Universe

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



37.5024, 35.7230, 73.3254



45.4176, 41.7316, 100.2690



41.8397, 36.0164, 73.1535



12.4545, 12.8488, 16.4758



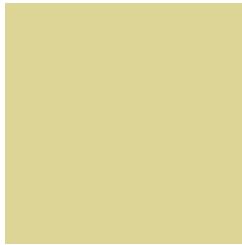
7.8188, 3.5070, 40.0032



0.5465, 0.3071, 2.6049

Previews

White Background



This preview shows how the XYZ color 59.0379, 65.1306, 37.8936 looks on a white background.

Color Contrast Check

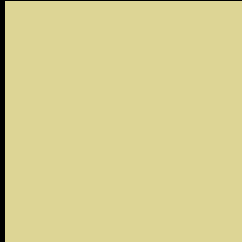
Large Text (above 18pt) WCAG AA × Fail

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 59.0379, 65.1306, 37.8936 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

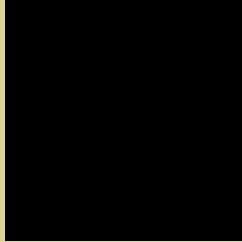
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

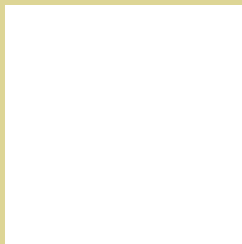
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.0379, 65.1306, 37.8936

Background



This preview shows how black text looks on a background with the XYZ color 59.0379, 65.1306, 37.8936.



This preview shows how white text looks on a background with the XYZ color 59.0379, 65.1306,

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

59.0379, 65.1306, 37.8936

Protanopia

60.6345, 65.2206, 37.4100

Deuteranopia

66.1308, 64.7994, 38.3002



Tritanopia

66.8242, 65.0111, 76.7365

Trichromacy



Original Color

59.0379, 65.1306, 37.8936

Protanomaly

59.9401, 65.2326, 37.4489

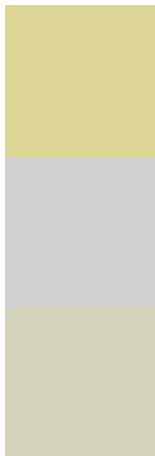
Deuteranomaly

63.1729, 64.6953, 38.0120

Tritanomaly

63.4145, 64.6894, 60.1829

Monochromacy



Original Color

59.0379, 65.1306, 37.8936

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.4568, 63.8272, 56.1999

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.0379, 65.1306, 37.8936 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(221, 213, 149)` looks like.

```
.text, #text, p{  
    color:rgb(221, 213, 149)  
}
```

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(221, 213, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 213, 149) }
```

Border

The CSS property to change the border of an element to XYZ 59.0379, 65.1306, 37.8936 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(221, 213, 149) }
```


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

```
.border{ border-color:rgb(221, 213, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 213, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 213, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 213, 149); box-shadow:4px 4px 4px 4px rgb(221, 213, 149) }
```

Background

The CSS property to change the background color of an element to XYZ 59.0379, 65.1306, 37.8936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 213, 149) }
```

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

```
.background{ background-color: rgb(221,  
213, 149) }
```

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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