

Converting Colors

XYZ(59.4106, 63.2532, 41.0194)

Have a look what the booklet for
XYZ(59.4106, 63.2532, 41.0194)
contains.

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Color

**XYZ(59.3821, 63.3934,
41.0047)**

Conversions

Conversions Part 1

Format	Color
Hex	E0D09D
RGB	224, 208, 157
RGB Percent	88%, 82%, 62%
CMY	0.1216, 0.1843, 0.3843
CMYK	0.00, 0.07, 0.30, 0.12
HSL	46°, 52%, 75%
HSV	46°, 30%, 88%
XYZ	59.3821, 63.3934, 41.0047
YIQ	206.9700, 25.9070, -12.4690

Conversions

Conversions Part 2

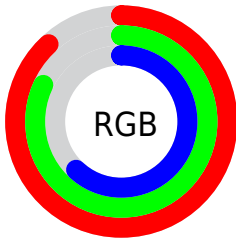
Format	Color
R _{YB}	178, 224, 157
Decimal	14733469
CIE Lab	83.65, -2.08, 27.38
CIE LCh	84, 27.458, 94.346
Yxy	63.3934, 0.3626, 0.3871
Android (android.graphics.Color)	4292923549 (0xFFE0D09D)
YUV	206.9700, -24.6352, 14.9353
Hunter-Lab	79.6200, -6.2062, 25.1993

Details

The XYZ color **59.3821, 63.3934, 41.0047** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **42.3024, 42.4357, 76.4823**, and the grayscale version is **59.4322, 62.5273, 68.0923**.

A 20% lighter version of the original color is **88.8837, 97.5335, 76.4285**, and **30.2539, 32.4560, 18.0347** is the 20% darker color. If you saturate the color by 10%, you get **56.3610, 60.1361, 31.4119**, and if you desaturate by 10%, it is **62.8011, 66.8847, 52.4613**.

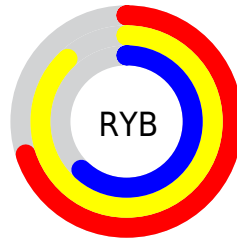
Distribution



Red (88%)

Green (82%)

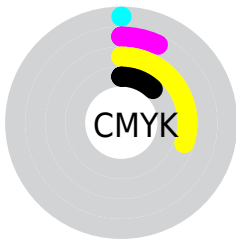
Blue (62%)



Red (70%)

Yellow (88%)

Blue (62%)

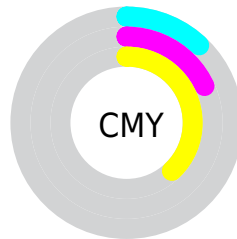


Cyan (0%)

Magenta (7%)

Yellow (30%)

Black (12%)



Cyan (12%)

Magenta (18%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.3821, 63.3934, 41.0047 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 59.3821, 63.3934, 41.0047 by changing the saturation by 10% instead.

■ 59.3821, 63.3934,
41.0047

■ 59.3821, 63.3934,
41.0047

412.1878,
436.9958, 366.0175

■ 43.1683, 46.1595,
28.0030

■ 103.0443,
109.7369, 77.9448

■ 30.2123, 32.3717,
18.0889

■ 131.2234,
139.6153, 102.7203

■ 20.1487, 21.6456,
10.8437

164.1216,
174.4773, 132.2574

■ 12.6120, 13.5967,
5.8490

202.1044,
214.7074, 166.9748

■ 7.2371, 7.8407,
2.6862

245.5371,
260.6899, 207.2910

■ 3.6585, 3.9932,
0.9365

294.7849,

■ 1.5108, 1.6698,

312.8092, 253.6245

0.0000

350.2134,
371.4497, 306.3938

■ 0.3332, 0.4040,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.3821, 63.3934,
41.0047

■ 59.3821, 63.3934,
41.0047

■ 56.3610, 60.1361,
31.4119

■ 62.8011, 66.8847,
52.4613

■ 53.7133, 57.0955,
23.5778

■ 66.6312, 70.6092,
65.8713

■ 51.4191, 54.2654,
17.3929

■ 70.8910, 74.5773,
81.3232

■ 49.4547, 51.6354,
12.7337

■ 75.5965, 78.7959,
98.8987

47.7927, 49.1939,
9.4593

78.4252, 82.3369,
106.3669

46.4011, 46.9274,
7.4021

79.9772, 85.4407,
106.8842

45.2241, 44.8128,
6.2720

81.5755, 88.6373,
107.4170

45.2139, 44.7942,
6.2631

83.2206, 91.9275,
107.9653

84.5504, 94.5873,
108.4086

Harmonies

Analogous

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



65.3961, 63.3934, 43.2838



59.3821, 63.3934, 41.0047



53.9663, 63.3934, 45.1472

Triad

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



59.3821, 63.3934, 41.0047



51.2074, 63.3934, 89.4304



71.2819, 63.3934, 84.3667

Complementary

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



59.3821, 63.3934, 41.0047



42.3024, 42.4357, 76.4823

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.



67.0111, 63.3934, 100.1132



59.3821, 63.3934, 41.0047



55.3878, 63.3934, 103.3610

Square

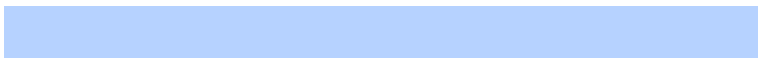
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



59.3821, 63.3934, 41.0047



49.4500, 63.3934, 71.5630



61.1334, 63.3934, 107.5622



72.5261, 63.3934, 66.5471

Rectangle

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



59.3821, 63.3934, 41.0047



51.3433, 63.3934, 51.4754



61.1334, 63.3934, 107.5622



70.1393, 63.3934, 90.1680

Sweetspot

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



59.3837, 63.3963, 41.0060



89.8496, 95.1631, 90.0139



50.4135, 43.0082, 45.5618



19.0612, 20.2069, 18.6590



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.



59.3837, 63.3963, 41.0060



77.0318, 82.2375, 46.5578



58.5438, 69.0471, 42.1410



14.5800, 15.4460, 14.5197



26.4109, 26.2597, 3.6766



1.8982, 1.9553, 0.2774

Inverse Universe

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



42.3024, 42.4357, 76.4823



50.5683, 49.7737, 101.5498



42.9121, 38.4666, 75.6840



13.2164, 13.7719, 17.3493



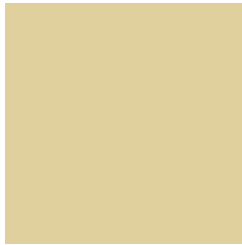
8.6596, 4.7888, 41.5163



0.6691, 0.4697, 2.9006

Previews

White Background



This preview shows how the XYZ color 59.3821, 63.3934, 41.0047 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 59.3821, 63.3934, 41.0047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

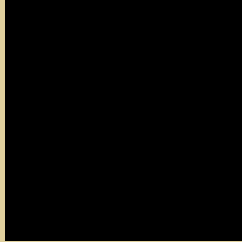
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.3821, 63.3934, 41.0047

Background



This preview shows how black text looks on a background with the XYZ color 59.3821, 63.3934, 41.0047.



This preview shows how white text looks on a background with the XYZ color 59.3821, 63.3934,

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

59.3821, 63.3934, 41.0047

Protanopia

59.0731, 63.2340, 40.9902

Deuteranopia

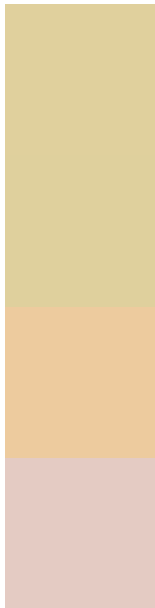
64.5685, 63.2242, 41.6013



Tritanopia

66.0039, 63.2553, 73.6965

Trichromacy



Original Color

59.3821, 63.3934, 41.0047

Protanomaly

59.0731, 63.2340, 40.9902

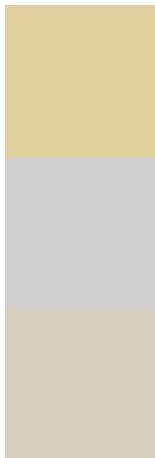
Deuteranomaly

62.4525, 63.1850, 41.2521

Tritanomaly

63.2012, 63.1460, 60.4871

Monochromacy



Original Color

59.3821, 63.3934, 41.0047

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.9387, 62.4459, 57.0910

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.3821, 63.3934, 41.0047 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(224, 208, 157)` looks like.

```
.text, #text, p{  
    color:rgb(224, 208, 157)  
}
```

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(224, 208, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 208, 157) }
```

Border

The CSS property to change the border of an element to XYZ 59.3821, 63.3934, 41.0047 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(224, 208, 157) }
```


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

```
.border{ border-color:rgb(224, 208, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 208, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 208, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 208, 157);  
box-shadow:4px 4px 4px 4px rgb(224, 208,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 59.3821, 63.3934, 41.0047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 208, 157) }
```

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

```
.background{ background-color: rgb(224,  
208, 157) }
```

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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