

# Converting Colors

XYZ(59.1869, 60.9003, 36.6524)

Have a look what the booklet for  
XYZ(59.1869, 60.9003, 36.6524)  
contains.

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# Color

**XYZ(59.1869, 60.9003,  
36.6524)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E7C994
RGB	231, 201, 148
RGB Percent	91%, 79%, 58%
CMY	0.0941, 0.2117, 0.4196
CMYK	0.00, 0.13, 0.36, 0.09
HSL	38°, 63%, 74%
HSV	38°, 36%, 91%
XYZ	59.1869, 60.9003, 36.6524
YIQ	203.9280, 34.8930, -10.1230

# Conversions

## Conversions Part 2

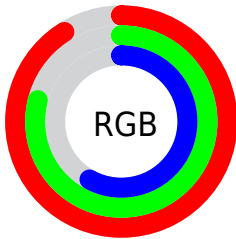
Format	Color
R <sub>Y</sub> B	195, 231, 148
Decimal	15190420
CIE Lab	82.33, 3.16, 30.40
CIE LCh	82, 30.563, 84.072
Yxy	60.9003, 0.3776, 0.3885
Android (android.graphics.Color)	4293380500 (0xFFE7C994)
YUV	203.9280, -27.5725, 23.7421
Hunter-Lab	78.0386, -1.1878, 26.7803

# Details

The XYZ color **59.1869, 60.9003, 36.6524** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **42.5565, 43.9048, 81.8328**, and the grayscale version is **57.5036, 60.4982, 65.8826**.

A 20% lighter version of the original color is **87.6607, 97.0443, 69.9883**, and **30.0469, 30.7292, 15.6569** is the 20% darker color. If you saturate the color by 10%, you get **55.6448, 56.4559, 27.3335**, and if you desaturate by 10%, it is **63.2028, 65.7078, 47.9307**.

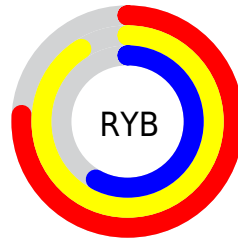
# Distribution



Red (91%)

Green (79%)

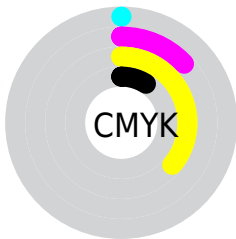
Blue (58%)



Red (76%)

Yellow (91%)

Blue (58%)

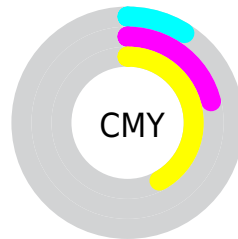


Cyan (0%)

Magenta (13%)

Yellow (36%)

Black (9%)



Cyan (9%)

Magenta (21%)


Yellow (42%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 59.1869, 60.9003, 36.6524 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 59.1869, 60.9003, 36.6524 by changing the saturation by 10% instead.




 59.1869, 60.9003,  
36.6524


 59.1869, 60.9003,  
36.6524


411.4771,  
427.9084, 346.9264

 43.0105, 44.1447,  
24.6448


 102.7623,  
106.1346, 71.2182

 30.0879, 30.7843,  
15.5960


 130.8921,  
135.3820, 94.6135

 20.0538, 20.4346,  
9.0875


163.7371,  
169.5622, 122.6417

 12.5426, 12.7114,  
4.7007

201.6626,  
209.0596, 155.7215

 7.1892, 7.2301,  
2.0171

245.0340,  
254.2585, 194.2713

 3.6281, 3.6064,  
0.5658

294.2166,

 1.4939, 1.4559,

305.5433, 238.7097

0.0000

349.5759,  
363.2985, 289.4552

■ 0.3217, 0.2574,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 59.1869, 60.9003,  
36.6524

■ 59.1869, 60.9003,  
36.6524

■ 55.6448, 56.4559,  
27.3335

■ 63.2028, 65.7078,  
47.9307

■ 52.5484, 52.3542,  
19.8547


■ 67.7094, 70.8813,  
61.2707


■ 49.8733, 48.5849,  
14.0896


■ 72.7285, 76.4341,  
76.7717


■ 47.5906, 45.1335,  
9.8939


■ 78.2791, 82.3764,  
94.5259


 45.6665, 41.9839,  
7.0993

 82.9795, 88.1579,  
107.2504

 44.0599, 39.1164,  
5.4980

 85.5314, 93.2617,  
108.1011

 43.4698, 38.0186,  
5.0472

 86.7650, 95.7289,  
108.5123

# Harmonies

## Analogous

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



65.5471, 60.9003, 41.3025



59.1869, 60.9003, 36.6524



52.9249, 60.9003, 38.6594

# Triad

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



59.1869, 60.9003, 36.6524



47.1866, 60.9003, 82.0403



68.6278, 60.9003, 89.6584

# Complementary

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



59.1869, 60.9003, 36.6524



42.5565, 43.9048, 81.8328

# 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.



63.1434, 60.9003, 104.7406



59.1869, 60.9003, 36.6524



50.8426, 60.9003, 99.7968

# Square

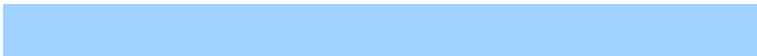
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



59.1869, 60.9003, 36.6524



46.3003, 60.9003, 62.6746



56.6002, 60.9003, 108.7611



71.2543, 60.9003, 70.0835



# Rectangle

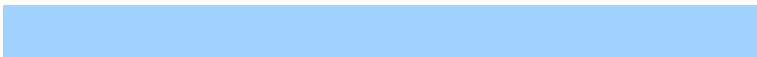
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



59.1869, 60.9003, 36.6524



49.6033, 60.9003, 43.7365



56.6002, 60.9003, 108.7611



67.0383, 60.9003, 95.5587

# Sweetspot

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



59.1884, 60.9031, 36.6537



87.7093, 92.0254, 85.7768



51.6248, 41.4011, 47.6189



18.5917, 19.4956, 17.8004



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.



59.1884, 60.9031, 36.6537



70.7738, 72.1069, 37.1176



63.4164, 74.4953, 39.0544



15.1406, 15.8952, 15.1745



24.4916, 21.5573, 2.8701



1.8972, 1.7678, 0.2412



# Inverse Universe

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



42.5565, 43.9048, 81.8328



47.1327, 47.9593, 101.3807



39.3256, 34.3278, 80.1545



14.0070, 14.7355, 18.2503



9.9483, 6.9587, 43.2020

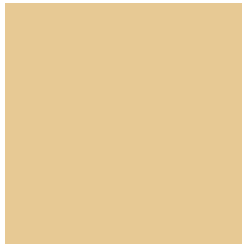


0.8209, 0.6857, 3.2211



# Previews

## White Background



This preview shows how the XYZ color 59.1869, 60.9003, 36.6524 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

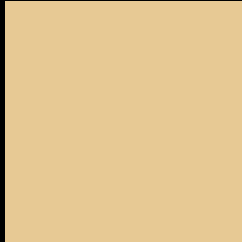
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 59.1869, 60.9003, 36.6524 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

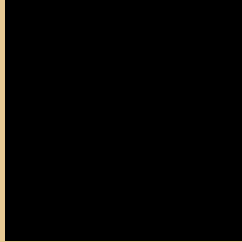
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 59.1869, 60.9003, 36.6524

## Background



This preview shows how black text looks on a background with the XYZ color 59.1869, 60.9003, 36.6524.



This preview shows how white text looks on a background with the XYZ color 59.1869, 60.9003,



# 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

59.1869, 60.9003, 36.6524

### Protanopia

56.8515, 61.0803, 37.6474

### Deuteranopia

62.1269, 60.7045, 36.8765



## Tritanopia

65.7150, 60.8711, 67.9603

# Trichromacy



## Original Color

59.1869, 60.9003, 36.6524

## Protanomaly

57.7582, 61.2030, 37.2029

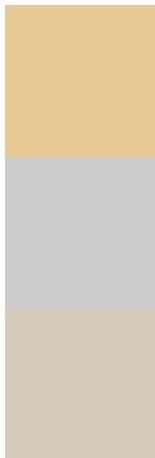
## Deuteranomaly

61.2155, 60.9088, 36.9639

## Tritanomaly

62.8638, 60.6872, 54.8549

# Monochromacy



## Original Color

59.1869, 60.9003, 36.6524

## Achromatopsia

57.3938, 60.3827, 65.7568

## Achromatomaly

57.7392, 60.4687, 53.9758

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 59.1869, 60.9003, 36.6524 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(231, 201, 148)` looks like.

```
.text, #text, p{  
    color:rgb(231, 201, 148)  
}
```

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(231, 201, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 201, 148) }
```

## Border

The CSS property to change the border of an element to XYZ 59.1869, 60.9003, 36.6524 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(231, 201, 148) }
```



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

```
.border{ border-color:rgb(231, 201, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 201, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(231, 201, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(231, 201, 148); box-shadow:4px 4px 4px 4px rgb(231, 201, 148) }
```

# Background

The CSS property to change the background color of an element to XYZ 59.1869, 60.9003, 36.6524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 201, 148) }
```

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

```
.background{ background-color: rgb(231,  
201, 148) }
```

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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