

# Converting Colors

XYZ(60.0143, 64.4673, 40.2907)

Have a look what the booklet for  
XYZ(60.0143, 64.4673, 40.2907)  
contains.

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# Color

**XYZ(60.0143, 64.4673,  
40.2907)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E1D29B
RGB	225, 210, 155
RGB Percent	88%, 82%, 61%
CMY	0.1176, 0.1764, 0.3921
CMYK	0.00, 0.07, 0.31, 0.12
HSL	47°, 54%, 75%
HSV	47°, 31%, 88%
XYZ	60.0143, 64.4673, 40.2907
YIQ	208.2150, 26.5950, -13.9250

# Conversions

## Conversions Part 2

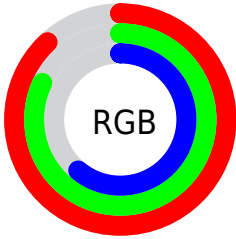
Format	Color
<a href="#">RYB</a>	<a href="#">174, 225, 155</a>
Decimal	<a href="#">14799515</a>
CIELab	<a href="#">84.21, -2.98, 29.19</a>
CIElCh	<a href="#">84, 29.339, 95.832</a>
Yxy	<a href="#">64.4673, 0.3642, 0.3913</a>
Android (android.graphics.Color)	<a href="#">4292989595</a> ( <a href="#">0xFFE1D29B</a> )
YUV	<a href="#">208.2150, -26.2350, 14.7204</a>
Hunter-Lab	<a href="#">80.2915, -7.0895, 26.4520</a>

# Details

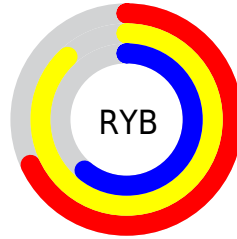
The XYZ color **60.0143, 64.4673, 40.2907** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.4826, 41.1531, 76.9912**, and the grayscale version is **60.2479, 63.3855, 69.0268**.

A 20% lighter version of the original color is **88.6329, 97.4331, 75.1078**, and **30.6988, 33.1912, 17.6205** is the 20% darker color. If you saturate the color by 10%, you get **57.1265, 61.4390, 30.8584**, and if you desaturate by 10%, it is **63.2933, 67.7140, 51.5920**.

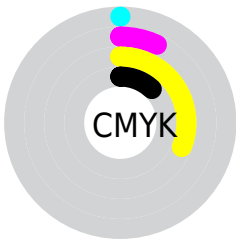
# Distribution



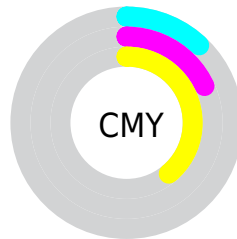
- Red (88%)
- Green (82%)
- Blue (61%)



- Red (68%)
- Yellow (88%)
- Blue (61%)



- Cyan (0%)
- Magenta (7%)
- Yellow (31%)
- Black (12%)



- Cyan (12%)
- Magenta (18%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 60.0143, 64.4673, 40.2907 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 60.0143, 64.4673, 40.2907 by changing the saturation by 10% instead.



60.0143, 64.4673,  
40.2907

60.0143, 64.4673,  
40.2907

414.4844,  
440.8752, 362.9358

43.6797, 47.0293,  
27.4498

103.9566,  
111.2837, 76.8479

30.6156, 33.0588,  
17.6759

132.2951,  
141.4308, 101.4012

20.4567, 22.1715,  
10.5505

165.3654,  
176.5830, 130.6958

12.8376, 13.9830,  
5.6551

203.5331,  
217.1248, 165.1501

7.3931, 8.1088,  
2.5712

247.1635,  
263.4405, 205.1827

3.7576, 4.1647,  
0.8775

296.6220,

1.5659, 1.7661,

315.9145, 251.2122

0.0000

352.2738,  
374.9313, 303.6570

■ 0.3701, 0.4659,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 60.0143, 64.4673,  
40.2907

■ 60.0143, 64.4673,  
40.2907

■ 57.1265, 61.4390,  
30.8584

■ 63.2933, 67.7140,  
51.5920

■ 54.6052, 58.6119,  
23.1876


■ 66.9771, 71.1782,  
64.8535


■ 52.4301, 55.9795,  
17.1665


■ 71.0844, 74.8700,  
80.1653

■ 50.5768, 53.5318,  
12.6683


■ 75.6312, 78.7965,  
97.6109


 49.0177, 51.2571,  
9.5480


 78.5539, 82.1327,  
106.3207


 47.7193, 49.1414,  
7.6321

 79.9456, 84.9161,  
106.7846

 46.7346, 47.3740,  
6.6809

 81.3750, 87.7749,  
107.2611

 82.8423, 90.7094,  
107.7502

 84.3478, 93.7204,  
108.2520

# Harmonies

## Analogous

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



66.5298, 64.4673, 42.3623



60.0143, 64.4673, 40.2907



54.2515, 64.4673, 45.0104

# Triad

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



60.0143, 64.4673, 40.2907



51.6984, 64.4673, 93.2778



73.3866, 64.4673, 85.8761

# Complementary

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



60.0143, 64.4673, 40.2907



41.4826, 41.1531, 76.9912

# Split Complementary

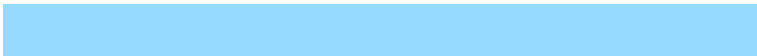
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



68.8783, 64.4673, 103.3604



60.0143, 64.4673, 40.2907



56.3030, 64.4673, 108.1347

# Square

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



60.0143, 64.4673, 40.2907



49.6731, 64.4673, 73.8904



62.5517, 64.4673, 112.1167



74.5541, 64.4673, 66.6229



# Rectangle

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



60.0143, 64.4673, 40.2907



51.5130, 64.4673, 51.9649



62.5517, 64.4673, 112.1167



72.1967, 64.4673, 92.2538

# Sweetspot

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



60.0159, 64.4702, 40.2920



90.0243, 95.5124, 90.0721



50.0447, 42.3596, 43.6523



19.1044, 20.2934, 18.6735



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.



60.0159, 64.4702, 40.2920



77.2902, 83.1170, 45.5262



58.0648, 69.2200, 41.3117



14.6096, 15.5051, 14.5296



27.0190, 27.4759, 3.8793



1.9357, 2.0302, 0.2898



# Inverse Universe

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



41.4826, 41.1531, 76.9912



49.1731, 47.7519, 101.2331



42.9544, 37.9745, 76.3001



13.1888, 13.7168, 17.3402



8.5148, 4.4991, 41.4680

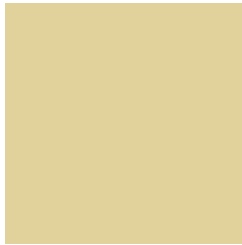


0.6555, 0.4425, 2.8961



# Previews

## White Background



This preview shows how the XYZ color 60.0143, 64.4673, 40.2907 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

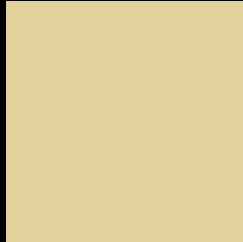
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 60.0143, 64.4673, 40.2907 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

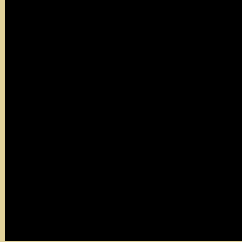
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 60.0143, 64.4673, 40.2907

## Background



This preview shows how black text looks on a background with the XYZ color 60.0143, 64.4673, 40.2907.



This preview shows how white text looks on a background with the XYZ color 60.0143, 64.4673,



# 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

60.0143, 64.4673, 40.2907

### Protanopia

60.0143, 64.4673, 40.2907

### Deuteranopia

65.6838, 64.1641, 40.8213



## Tritanopia

67.0541, 64.4588, 75.2373

# Trichromacy



## Original Color

60.0143, 64.4673, 40.2907

## Protanomaly

60.0143, 64.4673, 40.2907

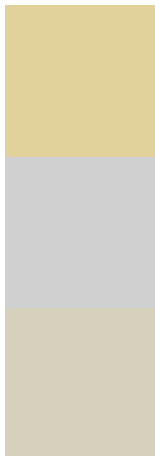
## Deuteranomaly

63.5288, 64.1113, 40.4789

## Tritanomaly

63.9947, 64.2608, 60.6604

# Monochromacy



## Original Color

60.0143, 64.4673, 40.2907

## Achromatopsia

59.9535, 63.0757, 68.6895

## Achromatomaly

59.7173, 63.5712, 57.2671

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 60.0143, 64.4673, 40.2907 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(225, 210, 155)` looks like.

```
.text, #text, p{  
    color:rgb(225, 210, 155)  
}
```

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(225, 210, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 210, 155) }
```

## Border

The CSS property to change the border of an element to XYZ 60.0143, 64.4673, 40.2907 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(225, 210, 155) }
```



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

```
.border{ border-color:rgb(225, 210, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 210, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 210, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 210, 155);  
box-shadow:4px 4px 4px 4px rgb(225, 210,  
155) }
```

# Background

The CSS property to change the background color of an element to XYZ 60.0143, 64.4673, 40.2907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 210, 155) }
```

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

```
.background{ background-color: rgb(225,  
210, 155) }
```

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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