

# Converting Colors

XYZ(62.6081, 65.8020, 61.5316)

Have a look what the booklet for  
XYZ(62.6081, 65.8020, 61.5316)  
contains.

<b>XYZ(62.4715, 65.6341, 61.6006)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# **Color**

**XYZ(62.4715, 65.6341,  
61.6006)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DBD3C4
RGB	219, 211, 196
RGB Percent	86%, 83%, 77%
CMY	0.1412, 0.1725, 0.2314
CMYK	0.00, 0.04, 0.11, 0.14
HSL	39°, 24%, 81%
HSV	39°, 11%, 86%
XYZ	62.4715, 65.6341, 61.6006
YIQ	211.6820, 9.5830, -2.9690

# Conversions

## Conversions Part 2

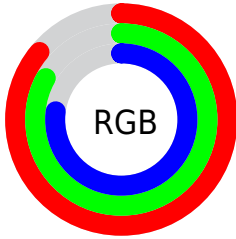
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	208, 219, 196
Decimal	14406596
CIE <sub>Lab</sub>	84.81, 0.20, 8.40
CIE <sub>LCh</sub>	85, 8.398, 88.602
Yxy	65.6341, 0.3293, 0.3460
Android (android.graphics.Color)	4292596676 (0xFFDBD3C4)
YUV	211.6820, -7.7312, 6.4179
Hunter-Lab	81.0149, -4.1326, 11.6286

# Details

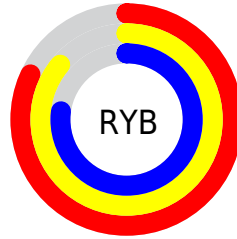
The XYZ color **62.4715, 65.6341, 61.6006** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.1439, 60.0350, 75.5947**, and the grayscale version is **62.4149, 65.6654, 71.5096**.

A 20% lighter version of the original color is **94.7296, 99.8718, 107.2129**, and **32.2493, 33.9594, 30.4463** is the 20% darker color. If you saturate the color by 10%, you get **58.3122, 61.0173, 48.8004**, and if you desaturate by 10%, it is **67.0880, 70.5814, 76.3499**.

# Distribution



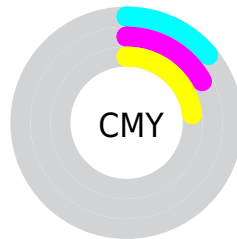
- Red (86%)
- Green (83%)
- Blue (77%)



- Red (82%)
- Yellow (86%)
- Blue (77%)



- Cyan (0%)
- Magenta (4%)
- Yellow (11%)
- Black (14%)



- Cyan (14%)
- Magenta (17%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 62.4715, 65.6341, 61.6006 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 62.4715, 65.6341, 61.6006 by changing the saturation by 10% instead.



■ 62.4715, 65.6341,  
61.6006

■ 62.4715, 65.6341,  
61.6006

423.3391,  
445.0672, 448.4401

■ 45.6708, 47.9754,  
44.2763

107.4928,  
112.9610, 108.7141

■ 32.1897, 33.8074,  
30.5490

136.4441,  
143.3980, 139.3404

■ 21.6627, 22.7457,  
20.0001

170.1764,  
178.8633, 175.2378

■ 13.7245, 14.4058,  
12.2110

209.0549,  
219.7412, 216.8248

■ 8.0097, 8.4035,  
6.7633

253.4451,  
266.4162, 264.5200

■ 4.1530, 4.3542,  
3.2383

303.7123,

■ 1.7891, 1.8736,

319.2725, 318.7419

1.2176

360.2218,  
378.6947, 379.9091

■ 0.5111, 0.5324,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 62.4715, 65.6341,  
61.6006

■ 62.4715, 65.6341,  
61.6006

■ 58.3122, 61.0173,  
48.8004

■ 67.0880, 70.5814,  
76.3499

■ 54.5877, 56.7137,  
37.8621

■ 72.1721, 75.8589,  
93.1221

■ 51.2816, 52.7168,  
28.6978

■ 76.6427, 81.0382,  
106.2102

■ 48.3746, 49.0169,  
21.2112

■ 78.8553, 85.4633,  
106.9477

45.8453, 45.6034,  
15.2963

81.1620, 90.0768,  
107.7166

43.6700, 42.4645,  
10.8354

83.0237, 93.8002,  
108.3372

41.8218, 39.5874,  
7.6937

40.2690, 36.9572,  
5.7109

39.0160, 34.6647,  
4.6346

# Harmonies

## Analogous

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



64.2867, 65.6341, 62.9818



62.4715, 65.6341, 61.6006



60.6676, 65.6341, 62.7499

# Triad

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



62.4715, 65.6341, 61.6006



59.2612, 65.6341, 76.5392



65.5219, 65.6341, 76.9981

# Complementary

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



62.4715, 65.6341, 61.6006



57.1439, 60.0350, 75.5947

# 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.



64.1309, 65.6341, 80.9505



62.4715, 65.6341, 61.6006



60.5178, 65.6341, 80.6763

# Square

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



62.4715, 65.6341, 61.6006



58.8367, 65.6341, 71.2120



62.2951, 65.6341, 82.3286



66.0696, 65.6341, 71.7173



# Rectangle

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



62.4715, 65.6341, 61.6006



59.7091, 65.6341, 64.8307



62.2951, 65.6341, 82.3286



65.1361, 65.6341, 78.5358

# Sweetspot

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



62.4733, 65.6370, 61.6020



93.0000, 97.8319, 102.2609



59.8593, 58.9029, 65.3735



19.7907, 20.8176, 21.5177



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

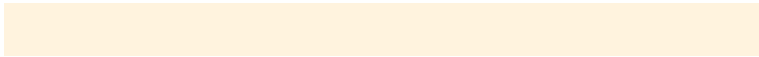


# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.4733, 65.6370, 61.6020



86.5978, 90.9120, 81.9855



63.4822, 69.1798, 62.2327



13.7614, 14.4621, 13.7917



23.2404, 20.7664, 2.7834



1.5850, 1.5042, 0.2068



# Inverse Universe

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



57.1439, 60.0350, 75.5947



77.3734, 81.2161, 106.2060



56.1998, 56.7991, 75.0198



12.7071, 13.3538, 16.5600



9.2123, 6.2940, 40.4677

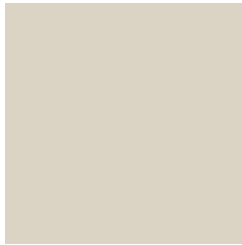


0.6758, 0.5658, 2.6480



# Previews

## White Background



This preview shows how the XYZ color 62.4715, 65.6341, 61.6006 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 62.4715, 65.6341, 61.6006 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

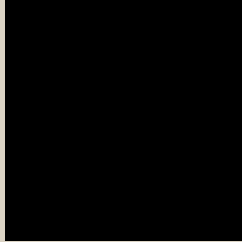
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

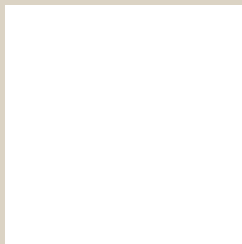
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 62.4715, 65.6341, 61.6006

## Background



This preview shows how black text looks on a background with the XYZ color 62.4715, 65.6341, 61.6006.



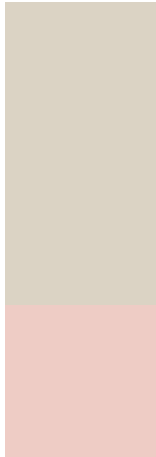
This preview shows how white text looks on a background with the XYZ color 62.4715, 65.6341,



# 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

62.4715, 65.6341, 61.6006

### Protanopia

62.4715, 65.6341, 61.6006

### Deuteranopia

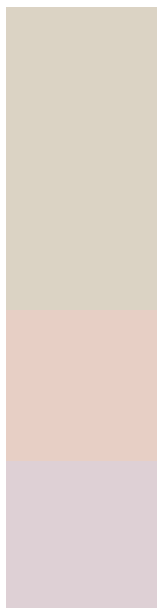
66.9308, 65.3941, 61.9180



## Tritanopia

66.0635, 65.6413, 79.0002

# Trichromacy



## Original Color

62.4715, 65.6341, 61.6006

## Protanomaly

62.4715, 65.6341, 61.6006

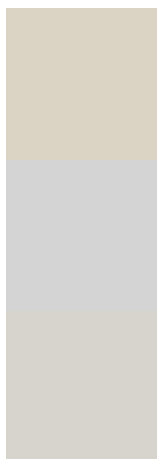
## Deuteranomaly

65.3459, 65.6458, 62.0501

## Tritanomaly

64.6903, 65.4454, 72.1735

# Monochromacy



## Original Color

62.4715, 65.6341, 61.6006

## Achromatopsia

62.5785, 65.8375, 71.6970

## Achromatomaly

62.7084, 65.9903, 67.8248

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 62.4715, 65.6341, 61.6006 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(219, 211, 196) looks like.

```
.text, #text, p{  
    color:rgb(219, 211, 196)  
}
```

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(219, 211, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 211, 196) }
```

## Border

The CSS property to change the border of an element to XYZ 62.4715, 65.6341, 61.6006 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(219, 211, 196) }
```



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

```
.border{ border-color:rgb(219, 211, 196) }
```

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

Here you see how a box with a 4 pixel rgb(219, 211, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 211, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 211, 196);  
box-shadow:4px 4px 4px 4px rgb(219, 211,  
196) }
```

# Background

The CSS property to change the background color of an element to XYZ 62.4715, 65.6341, 61.6006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 211, 196) }
```

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

```
.background{ background-color: rgb(219,  
211, 196) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor