

# Converting Colors

XYZ(50.6358, 51.5521, 35.2987)

Have a look what the booklet for  
XYZ(50.6358, 51.5521, 35.2987)  
contains.

<b>XYZ(50.6358, 51.5521, 35.2987)</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(50.6358, 51.5521,  
35.2987)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D6BA94
RGB	214, 186, 148
RGB Percent	84%, 73%, 58%
CMY	0.1608, 0.2706, 0.4196
CMYK	0.00, 0.13, 0.31, 0.16
HSL	35°, 45%, 71%
HSV	35°, 31%, 84%
XYZ	50.6358, 51.5521, 35.2987
YIQ	190.0400, 28.8860, -5.8820

# Conversions

## Conversions Part 2

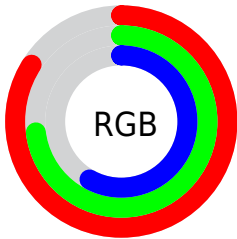
Format	Color
R <sub>Y</sub> B	197, 214, 148
Decimal	14072468
CIE Lab	77.01, 4.42, 22.97
CIE LCh	77, 23.394, 79.119
Yxy	51.5521, 0.3683, 0.3750
Android (android.graphics.Color)	4292262548 (0xFFD6BA94)
YUV	190.0400, -20.7257, 21.0129
Hunter-Lab	71.7998, 0.2350, 21.1113

# Details

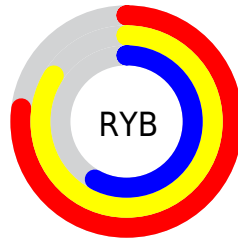
The XYZ color **50.6358, 51.5521, 35.2987** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.8753, 42.2004, 69.6624**, and the grayscale version is **49.0717, 51.6272, 56.2221**.

A 20% lighter version of the original color is **83.6528, 89.0285, 68.6524**, and **24.6457, 24.9072, 14.8179** is the 20% darker color. If you saturate the color by 10%, you get **47.2444, 47.2340, 26.5698**, and if you desaturate by 10%, it is **54.4645, 56.2432, 45.7195**.

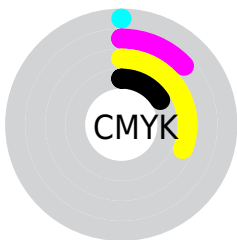
# Distribution



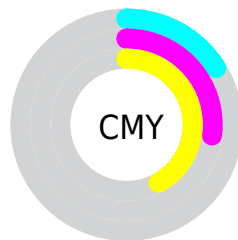
- Red (84%)
- Green (73%)
- Blue (58%)



- Red (77%)
- Yellow (84%)
- Blue (58%)



- Cyan (0%)
- Magenta (13%)
- Yellow (31%)
- Black (16%)




- Cyan (16%)
- Magenta (27%)
- Yellow (42%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 50.6358, 51.5521, 35.2987 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 50.6358, 51.5521, 35.2987 by changing the saturation by 10% instead.





 50.6358, 51.5521,  
35.2987


 50.6358, 51.5521,  
35.2987


379.5581,  
392.7050, 340.8290

 36.1387, 36.6482,  
23.6077


 90.3024, 92.4703,  
69.1051

 24.7119, 24.9352,  
14.8333


 116.2026,  
119.2535, 92.0575

 15.9902, 16.0288,  
8.5572


146.6346,  
150.7651, 119.6007

 9.6080, 9.5445,  
4.3607

181.9637,  
187.3897, 152.1534

 5.2001, 5.0980,  
1.8252

222.5552,  
229.5116, 190.1340

 2.4011, 2.3049,  
0.4445

268.7745,

 0.8457, 0.7763,

277.5151, 233.9612

0.0000

320.9871,  
331.7848, 284.0533

0.0000, 0.0000,  
0.0000

50.6358, 51.5521,  
35.2987

50.6358, 51.5521,  
35.2987

47.2444, 47.2340,  
26.5698

54.4645, 56.2432,  
45.7195

44.2669, 43.2705,  
19.4379

58.7447, 61.3109,  
57.9138

41.6833, 39.6516,  
13.8034

63.4948, 66.7679,  
71.9618

39.4701, 36.3643,  
9.5541

68.7307, 72.6237,  
87.9375

37.6007, 33.3939,  
6.5618

74.4674, 78.8877,  
105.9097

■ 36.0436, 30.7238,  
4.6739

■ 77.0801, 84.1131,  
106.7806

■ 34.8428, 28.5186,  
3.6682

■ 79.8265, 89.6060,  
107.6961

■ 81.5417, 93.0362,  
108.2678

# Harmonies

## Analogous

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



54.8297, 51.5521, 39.5316



50.6358, 51.5521, 35.2987



46.2427, 51.5521, 35.9734

# Triad

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



50.6358, 51.5521, 35.2987



41.3330, 51.5521, 64.5679



55.7742, 51.5521, 73.7931

# Complementary

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



50.6358, 51.5521, 35.2987



39.8753, 42.2004, 69.6624

# 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.



51.8621, 51.5521, 82.6878



50.6358, 51.5521, 35.2987



43.5965, 51.5521, 76.8284

# Square

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



50.6358, 51.5521, 35.2987



41.0489, 51.5521, 51.6208



47.3973, 51.5521, 83.8760



57.9139, 51.5521, 60.8975



# Rectangle

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



50.6358, 51.5521, 35.2987



43.7837, 51.5521, 39.1485



47.3973, 51.5521, 83.8760



54.6122, 51.5521, 77.4285

# Sweetspot

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



50.6371, 51.5545, 35.2998



88.5453, 92.5545, 89.5791



46.2179, 38.6349, 46.4081



18.7390, 19.5625, 18.5517



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.



50.6371, 51.5545, 35.2998



71.9374, 72.4112, 43.7419



55.8568, 63.8745, 37.4027



13.0111, 13.5964, 13.0993



21.1653, 17.4478, 2.2522



1.3578, 1.2148, 0.1629



# Inverse Universe

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



39.8753, 42.2004, 69.6624



53.4875, 56.3807, 102.6712



35.7520, 32.7496, 68.0555



12.1713, 12.8660, 15.7794



9.6843, 7.6303, 39.4155

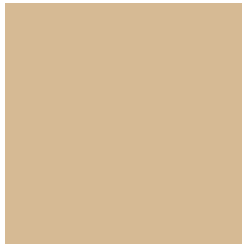


0.6651, 0.6223, 2.4044



# Previews

## White Background



This preview shows how the XYZ color 50.6358, 51.5521, 35.2987 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

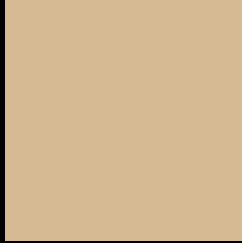
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 50.6358, 51.5521, 35.2987 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

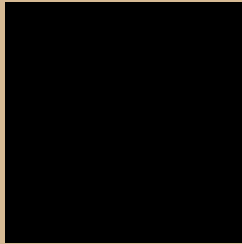
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 50.6358, 51.5521, 35.2987**

## **Background**



This preview shows how black text looks on a background with the XYZ color 50.6358, 51.5521, 35.2987.



This preview shows how white text looks on a background with the XYZ color 50.6358, 51.5521,



# 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

50.6358, 51.5521, 35.2987

### Protanopia

48.5471, 51.7254, 36.2795

### Deuteranopia

52.7897, 51.7249, 35.6354



## Tritanopia

55.2723, 51.5976, 58.0851

# Trichromacy



## Original Color

50.6358, 51.5521, 35.2987

## Protanomaly

49.3545, 51.8305, 35.8368

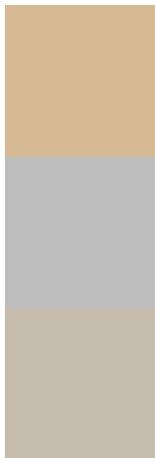
## Deuteranomaly

52.0805, 51.6665, 35.6615

## Tritanomaly

53.2790, 51.3819, 48.7046

# Monochromacy



## Original Color

50.6358, 51.5521, 35.2987

## Achromatopsia

48.9429, 51.4918, 56.0745

## Achromatomaly

49.4886, 51.6325, 47.9152

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 50.6358, 51.5521, 35.2987 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(214, 186, 148)` looks like.

```
.text, #text, p{  
    color:rgb(214, 186, 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(214, 186, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 186, 148) }
```

## Border

The CSS property to change the border of an element to XYZ 50.6358, 51.5521, 35.2987 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(214, 186, 148) }
```



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

```
.border{ border-color:rgb(214, 186, 148) }
```

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

Here you see how a box with a 4 pixel rgb(214, 186, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 186, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 186, 148);  
box-shadow:4px 4px 4px 4px rgb(214, 186,  
148) }
```

# Background

The CSS property to change the background color of an element to XYZ 50.6358, 51.5521, 35.2987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 186, 148) }
```

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

```
.background{ background-color: rgb(214,  
186, 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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