

# Converting Colors

XYZ(51.6992, 51.4792, 35.2286)

Have a look what the booklet for  
XYZ(51.6992, 51.4792, 35.2286)  
contains.

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# Color

**XYZ(51.6992, 51.4792,  
35.2286)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DBB894
RGB	219, 184, 148
RGB Percent	86%, 72%, 58%
CMY	0.1412, 0.2784, 0.4196
CMYK	0.00, 0.16, 0.32, 0.14
HSL	30°, 50%, 72%
HSV	30°, 32%, 86%
XYZ	51.6992, 51.4792, 35.2286
YIQ	190.3610, 32.4160, -3.7760

# Conversions

## Conversions Part 2

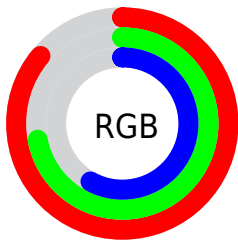
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">217, 219, 148</a>
Decimal	<a href="#">14399636</a>
CIELab	<a href="#">76.97, 7.42, 22.99</a>
CIELCh	<a href="#">77, 24.158, 72.105</a>
Yxy	<a href="#">51.4792, 0.3735, 0.3719</a>
Android (android.graphics.Color)	<a href="#">4292589716</a> ( <a href="#">0xFFDDBB894</a> )
YUV	<a href="#">190.3610, -20.8840, 25.1164</a>
Hunter-Lab	<a href="#">71.7490, 3.0585, 21.1130</a>

# Details

The XYZ color **51.6992, 51.4792, 35.2286** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **41.9319, 45.2758, 73.5469**, and the grayscale version is **49.2564, 51.8216, 56.4337**.

A 20% lighter version of the original color is **83.0608, 87.8444, 68.4550**, and **25.3782, 24.8822, 14.7744** is the 20% darker color. If you saturate the color by 10%, you get **47.9700, 46.5373, 26.2274**, and if you desaturate by 10%, it is **55.9301, 56.8993, 46.0162**.

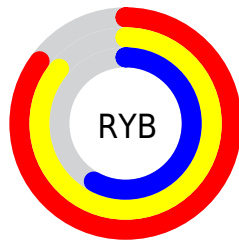
# Distribution



Red (86%)

Green (72%)

Blue (58%)



Red (85%)

Yellow (86%)

Blue (58%)

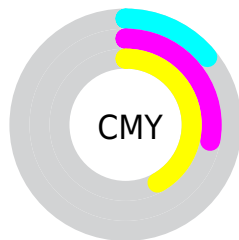


Cyan (0%)

Magenta (16%)

Yellow (32%)

Black (14%)



Cyan (14%)

Magenta (28%)


Yellow (42%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 51.6992, 51.4792, 35.2286 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 51.6992, 51.4792, 35.2286 by changing the saturation by 10% instead.





 51.6992, 51.4792,  
35.2286

 51.6992, 51.4792,  
35.2286


383.6173,  
392.4227, 340.5111

 36.9887, 36.5901,  
23.5541


 91.8643, 92.3627,  
68.9953

 25.3724, 24.8903,  
14.7940


 118.0496,  
119.1259, 91.9246

 16.4849, 15.9953,  
8.5299


148.7906,  
150.6160, 119.4426

 9.9609, 9.5209,  
4.3433

184.4525,  
187.2173, 151.9677

 5.4351, 5.0824,  
1.8155

225.4008,  
229.3142, 189.9186

 2.5421, 2.2957,  
0.4381

272.0008,

 0.9165, 0.7714,

277.2912, 233.7137

0.0000

324.6178,  
331.5325, 283.7717

0.0000, 0.0000,  
0.0000

51.6992, 51.4792,  
35.2286

51.6992, 51.4792,  
35.2286

47.9700, 46.5373,  
26.2274

55.9301, 56.8993,  
46.0162

44.7163, 42.0515,  
18.9104

60.6796, 62.8045,  
58.6783

41.9150, 38.0081,  
13.1701

65.9685, 69.2109,  
73.3008

39.5393, 34.3898,  
8.8848

71.8150, 76.1313,  
89.9635

37.5586, 31.1777,  
5.9148

77.8313, 83.4158,  
106.6065

■ 35.9370, 28.3502,  
4.0922

■ 81.0685, 89.8902,  
107.6855

■ 34.9041, 26.4415,  
3.2641

■ 83.0234, 93.8001,  
108.3372

# Harmonies

## Analogous

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



55.7927, 51.4792, 40.7190



51.6992, 51.4792, 35.2286



47.0971, 51.4792, 34.7447

# Triad

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



51.6992, 51.4792, 35.2286



40.7771, 51.4792, 61.5364



55.1057, 51.4792, 77.0353

# Complementary

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



51.6992, 51.4792, 35.2286



41.9319, 45.2758, 73.5469

# 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.



50.8087, 51.4792, 84.6626



51.6992, 51.4792, 35.2286



42.6534, 51.4792, 74.8193

# Square

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



51.6992, 51.4792, 35.2286



40.9823, 51.4792, 48.6199



46.2604, 51.4792, 83.7933



57.8427, 51.4792, 64.2055



# Rectangle

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



51.6992, 51.4792, 35.2286



44.3755, 51.4792, 37.2086



46.2604, 51.4792, 83.7933



53.7848, 51.4792, 80.3768

# Sweetspot

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



51.7005, 51.4816, 35.2297



87.3335, 90.7064, 87.4004



48.4031, 39.6802, 50.1815



18.4744, 19.1479, 18.1099



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.



51.7005, 51.4816, 35.2297



69.2697, 67.7791, 40.6848



59.8904, 67.8613, 37.9596



13.5991, 14.1375, 13.7376



20.8064, 15.8984, 1.9721



1.4341, 1.2024, 0.1565

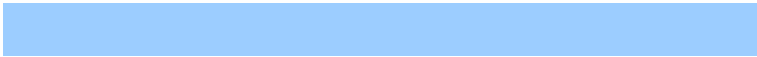


# Inverse Universe

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



41.9319, 45.2758, 73.5469



53.4015, 57.6993, 102.9303



35.5894, 32.5908, 71.4328



12.8660, 13.6718, 16.6129



10.8670, 9.6034, 41.0193



0.7901, 0.7944, 2.6861



# Previews

## White Background



This preview shows how the XYZ color 51.6992, 51.4792, 35.2286 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

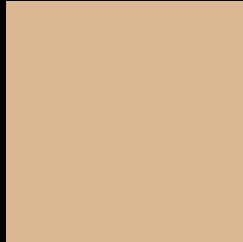
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 51.6992, 51.4792, 35.2286 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

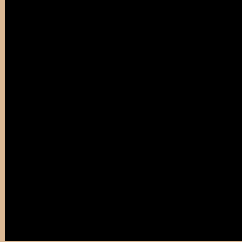
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 51.6992, 51.4792, 35.2286**

## **Background**



This preview shows how black text looks on a background with the XYZ color 51.6992, 51.4792, 35.2286.



This preview shows how white text looks on a background with the XYZ color 51.6992, 51.4792,

35.2286.

# 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

51.6992, 51.4792, 35.2286

### Protanopia

48.3565, 51.6178, 36.6927

### Deuteranopia

52.7102, 51.6931, 35.2166



## Tritanopia

56.1753, 51.4939, 56.8477

# Trichromacy



## Original Color

51.6992, 51.4792, 35.2286

## Protanomaly

49.5007, 51.5783, 36.2008

## Deuteranomaly

52.4030, 51.5347, 35.2022

## Tritanomaly

54.2819, 51.3067, 48.1165

# Monochromacy



## Original Color

51.6992, 51.4792, 35.2286

## Achromatopsia

48.9429, 51.4918, 56.0745

## Achromatomaly

49.8085, 51.4791, 47.8687

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 51.6992, 51.4792, 35.2286 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, 184, 148)` looks like.

```
.text, #text, p{  
    color:rgb(219, 184, 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(219, 184, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 184, 148) }
```

## Border

The CSS property to change the border of an element to XYZ 51.6992, 51.4792, 35.2286 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, 184, 148) }
```



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

```
.border{ border-color:rgb(219, 184, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 184, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 184, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 184, 148);  
box-shadow:4px 4px 4px 4px rgb(219, 184,  
148) }
```

# Background

The CSS property to change the background color of an element to XYZ 51.6992, 51.4792, 35.2286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 184, 148) }
```

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

```
.background{ background-color: rgb(219,  
184, 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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