

# Converting Colors

XYZ(53.1948, 53.2975, 30.4054)

Have a look what the booklet for  
XYZ(53.1948, 53.2975, 30.4054)  
contains.

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# **Color**

**XYZ(53.1948, 53.2975,  
30.4054)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E1BB87
RGB	225, 187, 135
RGB Percent	88%, 73%, 53%
CMY	0.1176, 0.2666, 0.4706
CMYK	0.00, 0.17, 0.40, 0.12
HSL	35°, 60%, 71%
HSV	35°, 40%, 88%
XYZ	53.1948, 53.2975, 30.4054
YIQ	192.4340, 39.3400, -8.1160

# Conversions

## Conversions Part 2

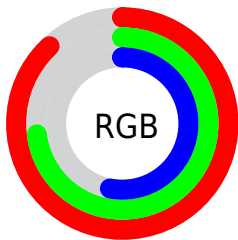
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">201, 225, 135</a>
Decimal	<a href="#">14793607</a>
CIELab	<a href="#">78.05, 6.66, 31.43</a>
CIElCh	<a href="#">78, 32.128, 78.040</a>
Yxy	<a href="#">53.2975, 0.3886, 0.3893</a>
Android (android.graphics.Color)	<a href="#">4292983687 (0xFFE1BB87)</a>
YUV	<a href="#">192.4340, -28.3150, 28.5604</a>
Hunter-Lab	<a href="#">73.0051, 2.3041, 26.4103</a>

# Details

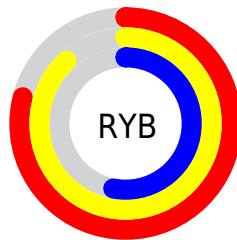
The XYZ color **53.1948, 53.2975, 30.4054** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **38.5252, 40.4727, 77.0155**, and the grayscale version is **50.5022, 53.1323, 57.8610**.

A 20% lighter version of the original color is **82.4759, 89.0353, 60.9827**, and **26.3132, 26.0309, 12.2319** is the 20% darker color. If you saturate the color by 10%, you get **49.8264, 48.8336, 22.2758**, and if you desaturate by 10%, it is **57.0339, 58.1669, 40.3446**.

# Distribution



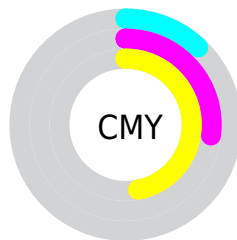
- Red (88%)
- Green (73%)
- Blue (53%)



- Red (79%)
- Yellow (88%)
- Blue (53%)



- Cyan (0%)
- Magenta (17%)
- Yellow (40%)
- Black (12%)




- Cyan (12%)
- Magenta (27%)
- Yellow (47%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 53.1948, 53.2975, 30.4054 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 53.1948, 53.2975, 30.4054 by changing the saturation by 10% instead.





 53.1948, 53.2975,  
30.4054


 53.1948, 53.2975,  
30.4054


389.2807,  
399.4255, 318.0555


 38.1864, 38.0403,  
19.8918


 94.0548, 95.0420,  
61.3713

 26.3053, 26.0140,  
12.1332


 120.6371,  
122.2981, 82.6607

 17.1860, 16.8341,  
6.7108


 151.8081,  
154.3226, 108.3791

 10.4633, 10.1163,  
3.2062

187.9331,  
191.5000, 138.9451

 5.7718, 5.4761,  
1.2009

229.3775,  
234.2145, 174.7772

 2.7462, 2.5292,  
0.0000

276.5067,

 1.0210, 0.8912,

282.8507, 216.2939

0.0000

329.6860,  
337.7929, 263.9138

0.0000, 0.0000,  
0.0000

53.1948, 53.2975,  
30.4054

53.1948, 53.2975,  
30.4054

49.8264, 48.8336,  
22.2758

57.0339, 58.1669,  
40.3446

46.9010, 44.7542,  
15.8397

61.3617, 63.4470,  
52.1933

44.3935, 41.0469,  
10.9725


66.1999, 69.1525,  
66.0477


42.2742, 37.6955,  
7.5307


71.5674, 75.2945,  
81.9966


40.5080, 34.6815,  
5.3439


77.4824, 81.8842,  
100.1235

 39.0358, 31.9765,  
4.1147

 81.4513, 87.9275,  
107.2865

 39.0357, 31.9763,  
4.1146

 84.3835, 93.7919,  
108.2639

 84.8613, 94.7475,  
108.4232

# Harmonies

## Analogous

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



59.1448, 53.2975, 35.9757



53.1948, 53.2975, 30.4054



47.0187, 53.2975, 31.0249

# Triad

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



53.1948, 53.2975, 30.4054



40.0470, 53.2975, 69.3826



60.1519, 53.2975, 84.2847

# Complementary

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



53.1948, 53.2975, 30.4054



38.5252, 40.4727, 77.0155

# 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.



54.4798, 53.2975, 97.3963



53.1948, 53.2975, 30.4054



43.0240, 53.2975, 87.6461

# Square

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



53.1948, 53.2975, 30.4054



39.7650, 53.2975, 51.1733



48.2025, 53.2975, 98.7397



63.3774, 53.2975, 65.4775



# Rectangle

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



53.1948, 53.2975, 30.4054



43.5925, 53.2975, 34.8842



48.2025, 53.2975, 98.7397



58.4477, 53.2975, 89.6579

# Sweetspot

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



53.1961, 53.3000, 30.4065



86.5254, 90.2165, 83.6589



47.3555, 36.3919, 44.5733



18.3347, 19.0931, 17.3711



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.



53.1961, 53.3000, 30.4065



66.8794, 65.8091, 31.2232



60.5118, 70.6596, 33.3717



14.3617, 15.0093, 14.4469



22.6122, 18.6624, 2.4104



1.6554, 1.4697, 0.1964



# Inverse Universe

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



38.5252, 40.4727, 77.0155



44.8570, 46.5684, 101.2321



33.2395, 28.4275, 74.9691



13.4253, 14.1896, 17.4190



10.2990, 8.0676, 42.0627



0.8011, 0.7336, 2.9446



# Previews

## White Background



This preview shows how the XYZ color 53.1948, 53.2975, 30.4054 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

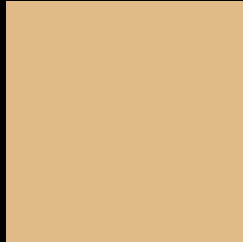
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 53.1948, 53.2975, 30.4054 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

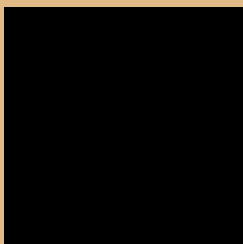
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 53.1948, 53.2975, 30.4054

## Background



This preview shows how black text looks on a background with the XYZ color 53.1948, 53.2975, 30.4054.



This preview shows how white text looks on a background with the XYZ color 53.1948, 53.2975,

30.4054.

# 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

53.1948, 53.2975, 30.4054

### Protanopia

49.6698, 53.3848, 31.7312

### Deuteranopia

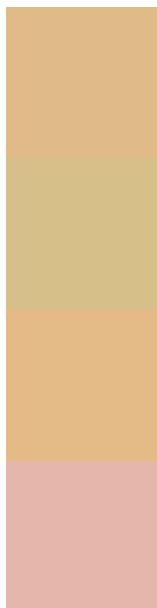
54.3553, 53.2702, 30.3390



## Tritanopia

58.7007, 53.0794, 57.6036

# Trichromacy



## Original Color

53.1948, 53.2975, 30.4054

## Protanomaly

50.8777, 53.3639, 31.2856

## Deuteranomaly

53.9270, 53.3611, 30.3791

## Tritanomaly

56.4874, 53.0925, 46.3004

# Monochromacy



## Original Color

53.1948, 53.2975, 30.4054

## Achromatopsia

50.1023, 52.7115, 57.4028

## Achromatomaly

50.6660, 52.6046, 46.0114

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 53.1948, 53.2975, 30.4054 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, 187, 135)` looks like.

```
.text, #text, p{  
    color:rgb(225, 187, 135)  
}
```

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, 187, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 187, 135) }
```

## Border

The CSS property to change the border of an element to XYZ 53.1948, 53.2975, 30.4054 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, 187, 135) }
```



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

```
.border{ border-color:rgb(225, 187, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 187, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 187, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 187, 135);  
box-shadow:4px 4px 4px 4px rgb(225, 187,  
135) }
```

# Background

The CSS property to change the background color of an element to XYZ 53.1948, 53.2975, 30.4054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 187, 135) }
```

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

```
.background{ background-color: rgb(225,  
187, 135) }
```

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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