

# Converting Colors

XYZ(53.0461, 54.4245, 32.9373)

Have a look what the booklet for  
XYZ(53.0461, 54.4245, 32.9373)  
contains.

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# Color

**XYZ(52.9537, 54.4003,  
32.9087)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DCBF8D
RGB	220, 191, 141
RGB Percent	86%, 75%, 55%
CMY	0.1373, 0.2510, 0.4471
CMYK	0.00, 0.13, 0.36, 0.14
HSL	38°, 53%, 71%
HSV	38°, 36%, 86%
XYZ	52.9537, 54.4003, 32.9087
YIQ	193.9710, 33.3340, -9.4020

# Conversions

## Conversions Part 2

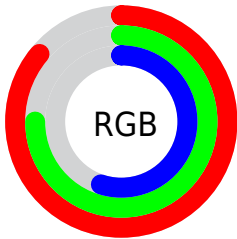
Format	Color
R <sub>YB</sub>	187, 220, 141
Decimal	14466957
CIE Lab	78.69, 3.26, 29.05
CIE LCh	79, 29.230, 83.602
Yxy	54.4003, 0.3775, 0.3878
Android (android.graphics.Color)	4292657037 (0xFFDCBF8D)
YUV	193.9710, -26.1147, 22.8274
Hunter-Lab	73.7566, -0.9195, 25.1756

# Details

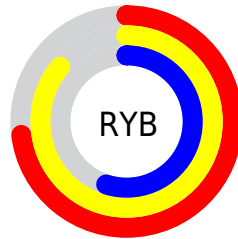
The XYZ color **52.9537, 54.4003, 32.9087** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **38.2771, 39.5783, 73.3321**, and the grayscale version is **51.3980, 54.0747, 58.8873**.

A 20% lighter version of the original color is **84.3511, 91.7217, 64.8880**, and **26.2438, 26.8077, 13.4641** is the 20% darker color. If you saturate the color by 10%, you get **49.7643, 50.3861, 24.5560**, and if you desaturate by 10%, it is **56.5681, 58.7438, 43.0085**.

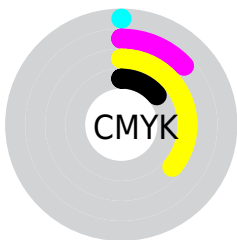
# Distribution



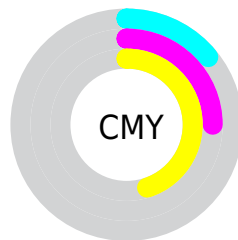
- Red (86%)
- Green (75%)
- Blue (55%)



- Red (73%)
- Yellow (86%)
- Blue (55%)



- Cyan (0%)
- Magenta (13%)
- Yellow (36%)
- Black (14%)




- Cyan (14%)
- Magenta (25%)
- Yellow (45%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 52.9537, 54.4003, 32.9087 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 52.9537, 54.4003, 32.9087 by changing the saturation by 10% instead.





 52.9537, 54.4003,  
32.9087


 52.9537, 54.4003,  
32.9087


388.3712,  
403.6346, 329.8575


 37.9931, 38.9218,  
21.7860


 93.7022, 96.6617,  
65.3473

 26.1546, 26.6989,  
13.5029


 120.2208,  
124.2135, 87.5003

 17.0726, 17.3472,  
7.6410

 151.3228,  
156.5584, 114.1671

 10.3819, 10.4824,  
3.7816

187.3736,  
194.0809, 145.7663

 5.7171, 5.7199,  
1.5063

228.7384,  
237.1654, 182.7164

 2.7128, 2.6755,  
0.2226

275.7828,

 1.0038, 0.9648,

286.1962, 225.4359

0.0000

328.8719,  
341.5578, 274.3435

■ 0.0000, 0.0000,  
0.0000

■ 52.9537, 54.4003,  
32.9087

■ 52.9537, 54.4003,  
32.9087

■ 49.7643, 50.3861,  
24.5560

■ 56.5681, 58.7438,  
43.0085

■ 46.9750, 46.6828,  
17.8446

■ 60.6227, 63.4192,  
54.9460

■ 44.5640, 43.2812,  
12.6623


■ 65.1368, 68.4385,  
68.8096


■ 42.5057, 40.1684,  
8.8814


■ 70.1273, 73.8108,  
84.6810


■ 40.7701, 37.3297,  
6.3530


■ 75.6101, 79.5448,  
102.6370

 39.3208, 34.7478,  
4.8931

 78.5645, 84.4343,  
106.7644

 38.7846, 33.7545,  
4.4711

 80.9876, 89.2804,  
107.5721

 83.3252, 93.9556,  
108.3513

# Harmonies

## Analogous

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



58.5816, 54.4003, 37.1386



52.9537, 54.4003, 32.9087



47.3847, 54.4003, 34.6014

# Triad

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



52.9537, 54.4003, 32.9087



42.1801, 54.4003, 72.9047



61.1723, 54.4003, 80.1872

# Complementary

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



52.9537, 54.4003, 32.9087



38.2771, 39.5783, 73.3321

# 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.



56.2821, 54.4003, 93.4291



52.9537, 54.4003, 32.9087



45.3903, 54.4003, 88.7069

# Square

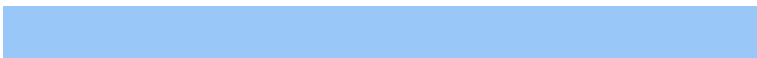
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



52.9537, 54.4003, 32.9087



41.4337, 54.4003, 55.7576



50.4778, 54.4003, 96.8063



63.5492, 54.4003, 62.8493



# Rectangle

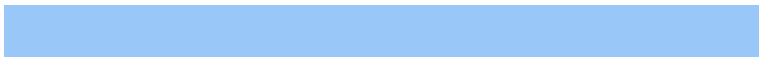
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



52.9537, 54.4003, 32.9087



44.4172, 54.4003, 39.0526



50.4778, 54.4003, 96.8063



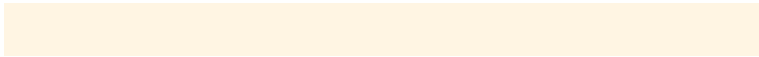
59.7511, 54.4003, 85.3863

# Sweetspot

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



52.9551, 54.4028, 32.9098



87.6614, 91.9297, 85.7608



46.4182, 37.2171, 43.4075



18.5803, 19.4728, 17.7966



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.



52.9551, 54.4028, 32.9098



70.6161, 71.7916, 37.0651



57.2031, 66.9265, 35.1032



13.7396, 14.4185, 13.7845



22.8720, 20.0295, 2.6606



1.5629, 1.4599, 0.1994



# Inverse Universe

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



38.2771, 39.5783, 73.3321



47.2624, 48.2188, 101.4239



35.0613, 30.7224, 71.7922



12.7281, 13.3959, 16.5670



9.3949, 6.6592, 40.5286



0.6893, 0.5926, 2.6525



# Previews

## White Background



This preview shows how the XYZ color 52.9537, 54.4003, 32.9087 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

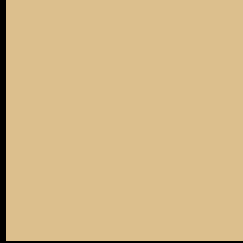
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 52.9537, 54.4003, 32.9087 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

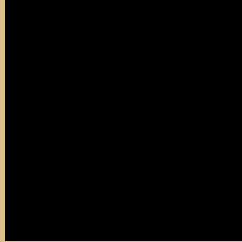
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 52.9537, 54.4003, 32.9087**

## **Background**



This preview shows how black text looks on a background with the XYZ color 52.9537, 54.4003, 32.9087.



This preview shows how white text looks on a background with the XYZ color 52.9537, 54.4003,



# 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

52.9537, 54.4003, 32.9087

### Protanopia

50.7675, 54.5687, 33.8437

### Deuteranopia

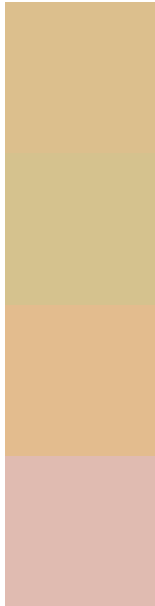
55.6078, 54.4826, 33.1765



## Tritanopia

58.6976, 54.5269, 60.8571

# Trichromacy



## Original Color

52.9537, 54.4003, 32.9087

## Protanomaly

51.6148, 54.6827, 33.4256

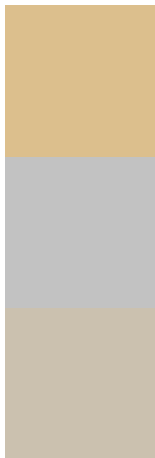
## Deuteranomaly

54.5443, 54.2503, 33.1878

## Tritanomaly

56.4466, 54.5623, 49.1515

# Monochromacy



## Original Color

52.9537, 54.4003, 32.9087

## Achromatopsia

51.2775, 53.9479, 58.7493

## Achromatomaly

51.4364, 53.9316, 48.2563

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 52.9537, 54.4003, 32.9087 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(220, 191, 141)` looks like.

```
.text, #text, p{  
    color:rgb(220, 191, 141)  
}
```

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(220, 191, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 191, 141) }
```

## Border

The CSS property to change the border of an element to XYZ 52.9537, 54.4003, 32.9087 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(220, 191, 141) }
```



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

```
.border{ border-color:rgb(220, 191, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 191, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 191, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 191, 141);  
box-shadow:4px 4px 4px 4px rgb(220, 191,  
141) }
```

# Background

The CSS property to change the background color of an element to XYZ 52.9537, 54.4003, 32.9087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 191, 141) }
```

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

```
.background{ background-color: rgb(220,  
191, 141) }
```

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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