

# Converting Colors

XYZ(50.2813, 54.3092, 34.2182)

Have a look what the booklet for  
XYZ(50.2813, 54.3092, 34.2182)  
contains.

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# Color

**XYZ(50.2813, 54.3092,  
34.2182)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CFC390
RGB	207, 195, 144
RGB Percent	81%, 76%, 56%
CMY	0.1882, 0.2353, 0.4353
CMYK	0.00, 0.06, 0.30, 0.19
HSL	49°, 40%, 69%
HSV	49°, 30%, 81%
XYZ	50.2813, 54.3092, 34.2182
YIQ	192.7740, 23.5230, -13.3170

# Conversions

## Conversions Part 2

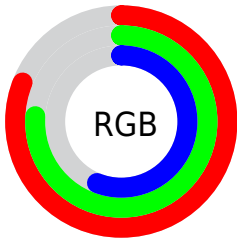
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	159, 207, 144
Decimal	13616016
CIE <sub>Lab</sub>	78.64, -3.56, 27.20
CIE <sub>LCh</sub>	79, 27.431, 97.447
Yxy	54.3092, 0.3622, 0.3913
Android (android.graphics.Color)	4291806096 (0xFFCFC390)
YUV	192.7740, -24.0456, 12.4762
Hunter-Lab	73.6948, -7.1769, 24.0566

# Details

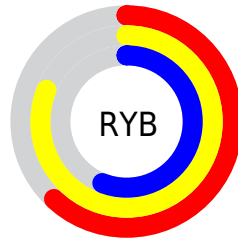
The XYZ color **50.2813, 54.3092, 34.2182** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **34.6524, 34.2104, 63.8086**, and the grayscale version is **50.6840, 53.3235, 58.0693**.

A 20% lighter version of the original color is **85.9302, 94.3316, 67.1049**, and **24.4496, 26.5155, 14.1853** is the 20% darker color. If you saturate the color by 10%, you get **47.9710, 51.9925, 26.3453**, and if you desaturate by 10%, it is **52.9078, 56.7935, 43.6289**.

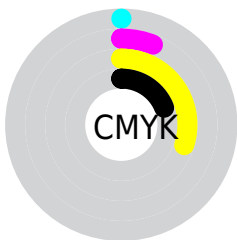
# Distribution



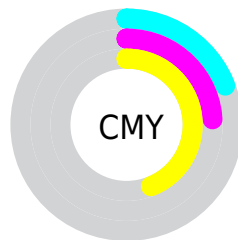
- Red (81%)
- Green (76%)
- Blue (56%)



- Red (62%)
- Yellow (81%)
- Blue (56%)



- Cyan (0%)
- Magenta (6%)
- Yellow (30%)
- Black (19%)




- Cyan (19%)
- Magenta (24%)
- Yellow (44%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 50.2813, 54.3092, 34.2182 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 50.2813, 54.3092, 34.2182 by changing the saturation by 10% instead.





 50.2813, 54.3092,  
34.2182


 50.2813, 54.3092,  
34.2182


378.1988,  
403.2880, 335.9027

 35.8557, 38.8489,  
22.7826


 89.7809, 96.5281,  
67.4106

 24.4923, 26.6422,  
14.2292


 115.5855,  
124.0555, 90.0045

 15.8260, 17.3047,  
8.1397


145.9138,  
156.3740, 117.1548

 9.4911, 10.4520,  
4.0954

181.1313,  
193.8681, 149.2802

 5.1226, 5.6996,  
1.6778

221.6031,  
236.9222, 186.7991

 2.3548, 2.6633,  
0.3455

267.6948,

 0.8225, 0.9586,

285.9206, 230.1301

0.0000

319.7715,  
341.2477, 279.6918

■ 0.0000, 0.0000,  
0.0000

■ 50.2813, 54.3092,  
34.2182

■ 50.2813, 54.3092,  
34.2182

■ 47.9710, 51.9925,  
26.3453

■ 52.9078, 56.7935,  
43.6289

■ 45.9568, 49.8294,  
19.9233

■ 55.8612, 59.4442,  
54.6514

■ 44.2223, 47.8149,  
14.8615


■ 59.1567, 62.2696,  
67.3589


■ 42.7482, 45.9409,  
11.0578


■ 62.8074, 65.2752,  
81.8190


■ 41.5119, 44.1983,  
8.3957


■ 66.8255, 68.4662,  
98.0957


 40.4872, 42.5761,  
6.7367

 69.0234, 70.9678,  
104.6680

 39.6587, 41.1183,  
5.8464

 70.0618, 73.0445,  
105.0141

 71.1246, 75.1702,  
105.3684

 72.2121, 77.3452,  
105.7309

# Harmonies

## Analogous

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



55.7168, 54.3092, 35.6466



50.2813, 54.3092, 34.2182



45.5432, 54.3092, 38.4767

# Triad

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



50.2813, 54.3092, 34.2182



43.7858, 54.3092, 79.1828



61.8455, 54.3092, 71.3244

# Complementary

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



50.2813, 54.3092, 34.2182



34.6524, 34.2104, 63.8086

# 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.



58.2131, 54.3092, 86.1099



50.2813, 54.3092, 34.2182



47.7277, 54.3092, 91.1720

# Square

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



50.2813, 54.3092, 34.2182



41.9672, 54.3092, 63.0837



52.9808, 54.3092, 93.9068



62.6481, 54.3092, 55.3517



# Rectangle

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



50.2813, 54.3092, 34.2182



43.3303, 54.3092, 44.4947



52.9808, 54.3092, 93.9068



60.9032, 54.3092, 76.6751

# Sweetspot

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



50.2827, 54.3117, 34.2193



90.1944, 95.8526, 90.1288



41.7576, 35.6333, 36.3973



19.1466, 20.3776, 18.6875



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.



50.2827, 54.3117, 34.2193



77.9366, 84.4097, 45.7416



48.1110, 57.3437, 34.9190



12.6042, 13.3990, 12.5340



25.0525, 26.0380, 3.7054



1.4512, 1.5568, 0.2240



# Inverse Universe

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



34.6524, 34.2104, 63.8086



48.7205, 46.8467, 101.0822



36.3202, 32.2282, 63.3381



11.3433, 11.7768, 14.9189



7.6136, 3.8738, 37.5389



0.4811, 0.3273, 2.1174



# Previews

## White Background



This preview shows how the XYZ color 50.2813, 54.3092, 34.2182 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

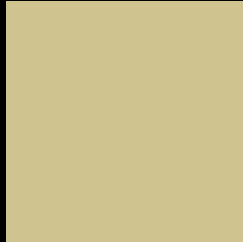
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 50.2813, 54.3092, 34.2182 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

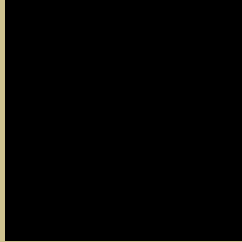
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 50.2813, 54.3092, 34.2182

## Background



This preview shows how black text looks on a background with the XYZ color 50.2813, 54.3092, 34.2182.



This preview shows how white text looks on a background with the XYZ color 50.2813, 54.3092,



# 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

50.2813, 54.3092, 34.2182

### Protanopia

50.6203, 54.1525, 34.1701

### Deuteranopia

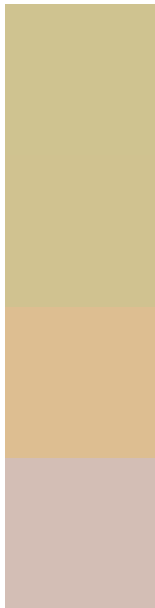
55.2717, 54.2740, 34.7569



## Tritanopia

56.1625, 54.1011, 63.3596

# Trichromacy



## Original Color

50.2813, 54.3092, 34.2182

## Protanomaly

50.3383, 54.0071, 34.1569

## Deuteranomaly

53.3431, 54.2434, 34.4466

## Tritanomaly

53.6179, 54.0120, 51.3155

# Monochromacy



## Original Color

50.2813, 54.3092, 34.2182

## Achromatopsia

50.6879, 53.3276, 58.0738

## Achromatomaly

50.3184, 53.6845, 48.2675

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 50.2813, 54.3092, 34.2182 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(207, 195, 144)` looks like.

```
.text, #text, p{  
    color:rgb(207, 195, 144)  
}
```

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(207, 195, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 195, 144) }
```

## Border

The CSS property to change the border of an element to XYZ 50.2813, 54.3092, 34.2182 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(207, 195, 144) }
```



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

```
.border{ border-color:rgb(207, 195, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 195, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 195, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 195, 144);  
box-shadow:4px 4px 4px 4px rgb(207, 195,  
144) }
```

# Background

The CSS property to change the background color of an element to XYZ 50.2813, 54.3092, 34.2182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 195, 144) }
```

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

```
.background{ background-color: rgb(207,  
195, 144) }
```

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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