

# Converting Colors

XYZ(59.7062, 63.8305, 54.2723)

Have a look what the booklet for  
XYZ(59.7062, 63.8305, 54.2723)  
contains.

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# Color

**XYZ(59.7227, 64.0010,  
54.5531)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D7D2B8
RGB	215, 210, 184
RGB Percent	84%, 82%, 72%
CMY	0.1569, 0.1764, 0.2784
CMYK	0.00, 0.02, 0.14, 0.16
HSL	50°, 28%, 78%
HSV	50°, 14%, 84%
XYZ	59.7227, 64.0010, 54.5531
YIQ	208.5310, 11.3260, -7.0260

# Conversions

## Conversions Part 2

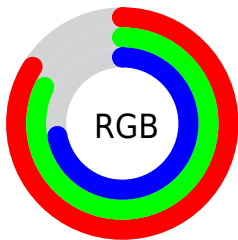
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	190, 215, 184
Decimal	14144184
CIE <sub>Lab</sub>	83.97, -2.63, 13.51
CIE <sub>LCh</sub>	84, 13.761, 101.030
Yxy	64.0010, 0.3350, 0.3590
Android (android.graphics.Color)	4292334264 (0xFFD7D2B8)
YUV	208.5310, -12.0938, 5.6733
Hunter-Lab	80.0006, -6.7459, 15.5701

# Details

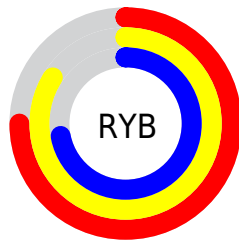
The XYZ color **59.7227, 64.0010, 54.5531** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **50.2304, 51.4908, 71.5819**, and the grayscale version is **60.3714, 63.5155, 69.1683**.

A 20% lighter version of the original color is **92.7282, 99.0713, 96.6734**, and **30.4824, 32.8892, 26.2144** is the 20% darker color. If you saturate the color by 10%, you get **56.7926, 61.4771, 43.2896**, and if you desaturate by 10%, it is **63.0174, 66.7046, 67.6296**.

# Distribution



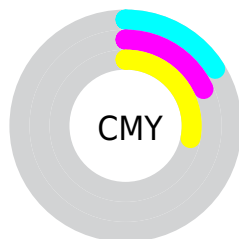
- Red (84%)
- Green (82%)
- Blue (72%)



- Red (75%)
- Yellow (84%)
- Blue (72%)



- Cyan (0%)
- Magenta (2%)
- Yellow (14%)
- Black (16%)



- Cyan (16%)
- Magenta (18%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 59.7227, 64.0010, 54.5531 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 59.7227, 64.0010, 54.5531 by changing the saturation by 10% instead.



■ 59.7227, 64.0010,  
54.5531

■ 59.7227, 64.0010,  
54.5531

413.4260,  
439.1933, 421.4498

■ 43.4438, 46.6515,  
38.6479

■ 103.5359,  
110.6124, 98.3504

■ 30.4295, 32.7602,  
26.1802

131.8010,  
140.6430, 127.0796

■ 20.3145, 21.9428,  
16.7315

164.7920,  
175.6695, 160.9205

■ 12.7335, 13.8149,  
9.8833

202.8746,  
216.0762, 200.2917

■ 7.3210, 7.9920,  
5.2171

246.4139,  
262.2476, 245.6116

■ 3.7118, 4.0899,  
2.3142

295.7753,

■ 1.5404, 1.7240,

314.5679, 297.2989

0.7392

351.3242,  
373.4217, 355.7721

■ 0.3531, 0.4391,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 59.7227, 64.0010,  
54.5531

■ 59.7227, 64.0010,  
54.5531

■ 56.7926, 61.4771,  
43.2896

■ 63.0174, 66.7046,  
67.6296

■ 54.2063, 59.1181,  
33.7538

■ 66.6860, 69.5855,  
82.5910

■ 51.9489, 56.9199,  
25.8597

■ 70.7440, 72.6521,  
99.5104

■ 50.0023, 54.8751,  
19.5121

■ 72.6938, 74.9055,  
105.2346

■ 48.3463, 52.9755,  
14.6064

■ 73.6337, 76.7855,  
105.5479

■ 46.9586, 51.2118,  
11.0245

■ 74.5928, 78.7035,  
105.8676

■ 45.8130, 49.5735,  
8.6299

■ 75.5710, 80.6600,  
106.1937

■ 44.8779, 48.0477,  
7.2567

■ 76.5685, 82.6551,  
106.5262

■ 44.4174, 47.2328,  
6.7758

■ 77.5855, 84.6890,  
106.8652

# Harmonies

## Analogous

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



62.7454, 64.0010, 55.0628



59.7227, 64.0010, 54.5531



57.0846, 64.0010, 57.8377

# Triad

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



59.7227, 64.0010, 54.5531



56.5394, 64.0010, 81.2281



66.5110, 64.0010, 75.2542

# Complementary

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



59.7227, 64.0010, 54.5531



50.2304, 51.4908, 71.5819

# 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.



64.7379, 64.0010, 83.0516



59.7227, 64.0010, 54.5531



58.9560, 64.0010, 86.6935

# Square

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



59.7227, 64.0010, 54.5531



55.2878, 64.0010, 72.9289



61.9530, 64.0010, 87.3872



66.7329, 64.0010, 66.5411



# Rectangle

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



59.7227, 64.0010, 54.5531



55.8731, 64.0010, 61.9102



61.9530, 64.0010, 87.3872



66.0739, 64.0010, 78.0875

# Sweetspot

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



59.7244, 64.0038, 54.5545



92.9288, 98.3161, 100.3052



54.3690, 52.4103, 55.4905



19.8074, 20.9769, 21.1344



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.



59.7244, 64.0038, 54.5545



86.6513, 93.1394, 75.4668



58.0379, 64.9940, 54.8345



13.2945, 14.1633, 13.1938



26.6322, 28.3816, 4.0745



1.6530, 1.8051, 0.2613



# Inverse Universe

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



50.2304, 51.4908, 71.5819



70.3372, 71.6383, 104.7281



51.7408, 50.7017, 71.3499



11.9027, 12.3287, 15.6899



7.7406, 3.7430, 38.7677

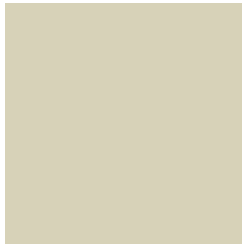


0.5183, 0.3286, 2.3554



# Previews

## White Background



This preview shows how the XYZ color 59.7227, 64.0010, 54.5531 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

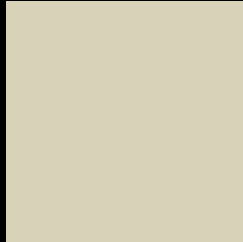
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 59.7227, 64.0010, 54.5531 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

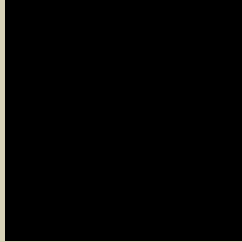
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

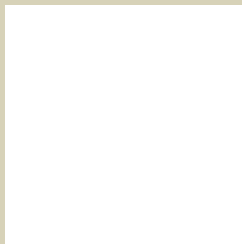
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 59.7227, 64.0010, 54.5531

## Background



This preview shows how black text looks on a background with the XYZ color 59.7227, 64.0010, 54.5531.



This preview shows how white text looks on a background with the XYZ color 59.7227, 64.0010,



# 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

59.7227, 64.0010, 54.5531

### Protanopia

60.5611, 64.0799, 53.9765

### Deuteranopia

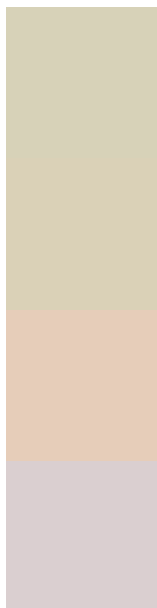
65.2434, 63.9634, 55.3618



## Tritanopia

64.3977, 64.0987, 77.3848

# Trichromacy



## Original Color

59.7227, 64.0010, 54.5531

## Protanomaly

60.2611, 63.9253, 53.9625

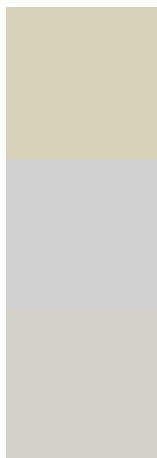
## Deuteranomaly

63.2214, 63.9884, 54.9178

## Tritanomaly

62.6114, 64.0851, 68.7442

# Monochromacy



## Original Color

59.7227, 64.0010, 54.5531

## Achromatopsia

60.6036, 63.7597, 69.4343

## Achromatomaly

60.0898, 63.6199, 63.7564

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 59.7227, 64.0010, 54.5531 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(215, 210, 184) looks like.

```
.text, #text, p{  
    color:rgb(215, 210, 184)  
}
```

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(215, 210, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 210, 184) }
```

## Border

The CSS property to change the border of an element to XYZ 59.7227, 64.0010, 54.5531 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(215, 210, 184) }
```



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

```
.border{ border-color:rgb(215, 210, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 210, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 210, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 210, 184);  
box-shadow:4px 4px 4px 4px rgb(215, 210,  
184) }
```

# Background

The CSS property to change the background color of an element to XYZ 59.7227, 64.0010, 54.5531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 210, 184) }
```

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

```
.background{ background-color: rgb(215,  
210, 184) }
```

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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