

# Converting Colors

XYZ(53.4790, 52.5234, 57.7715)

Have a look what the booklet for  
XYZ(53.4790, 52.5234, 57.7715)  
contains.

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# Color

**XYZ(53.4790, 52.5234,  
57.7715)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D1BAC1
RGB	209, 186, 193
RGB Percent	82%, 73%, 76%
CMY	0.1804, 0.2706, 0.2431
CMYK	0.00, 0.11, 0.08, 0.18
HSL	342°, 20%, 77%
HSV	342°, 11%, 82%
XYZ	53.4790, 52.5234, 57.7715
YIQ	193.6750, 11.4610, 7.0530

# Conversions

## Conversions Part 2

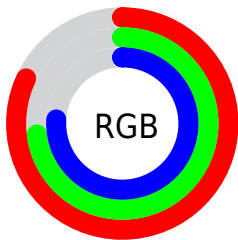
Format	Color
R <sub>Y</sub> B	209, 186, 193
Decimal	13744833
CIE Lab	77.59, 9.36, -0.55
CIE LCh	78, 9.378, 356.663
Yxy	52.5234, 0.3265, 0.3207
Android (android.graphics.Color)	4291934913 (0xFFD1BAC1)
YUV	193.6750, -0.3328, 13.4400
Hunter-Lab	72.4730, 4.8902, 3.4684

# Details

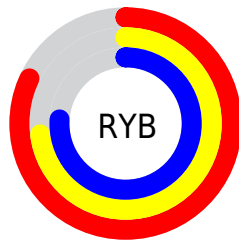
The XYZ color **53.4790, 52.5234, 57.7715** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.7128, 60.3055, 64.6891**, and the grayscale version is **51.0845, 53.7449, 58.5282**.

A 20% lighter version of the original color is **90.0910, 91.6038, 102.5555**, and **26.4476, 25.5385, 28.3464** is the 20% darker color. If you saturate the color by 10%, you get **47.8510, 43.7365, 48.2820**, and if you desaturate by 10%, it is **59.9135, 62.6667, 68.3181**.

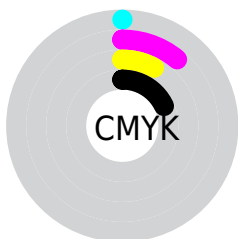
# Distribution



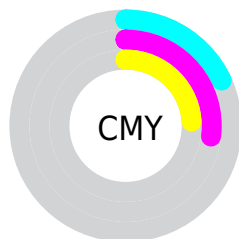
- Red (82%)
- Green (73%)
- Blue (76%)



- Red (82%)
- Yellow (73%)
- Blue (76%)



- Cyan (0%)
- Magenta (11%)
- Yellow (8%)
- Black (18%)




- Cyan (18%)
- Magenta (27%)
- Yellow (24%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 53.4790, 52.5234, 57.7715 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 53.4790, 52.5234, 57.7715 by changing the saturation by 10% instead.





 53.4790, 52.5234,  
57.7715

 53.4790, 52.5234,  
57.7715


390.3510,  
396.4539, 433.9084

 38.4143, 37.4224,  
41.2115

 94.4702, 93.9027,  
103.1015

 26.4831, 25.5347,  
28.1634


121.1275,  
120.9498, 132.7086

 17.3199, 16.4759,  
18.2088


152.3796,  
152.7478, 167.5018

 10.5596, 9.8615,  
10.9290

188.5920,  
189.6809, 207.8997

 5.8366, 5.3072,  
5.9055

230.1299,  
232.1338, 254.3207

 2.7857, 2.4286,  
2.7199

277.3589,

 1.0415, 0.8406,

280.4906, 307.1835

0.9534

330.6441,  
335.1358, 366.9065

■ 0.0000, 0.0000,  
0.0000

■ 53.4790, 52.5234,  
57.7715

■ 53.4790, 52.5234,  
57.7715

■ 47.8510, 43.7365,  
48.2820

■ 59.9135, 62.6667,  
68.3181

■ 42.9925, 36.2415,  
39.8128

■ 67.1807, 74.2136,  
79.9503

■ 38.8705, 29.9791,  
32.3297

■ 75.3108, 87.2173,  
92.6996

■ 35.4476, 24.8826,  
25.7956

■ 79.4936, 92.0510,  
104.9827

■ 32.6829, 20.8788,  
20.1705

■ 80.1047, 92.2954,  
108.2006

■ 30.5311, 17.8863,  
15.4117

■ 28.9411, 15.8122,  
11.4721

■ 27.8522, 14.5457,  
8.2999

■ 27.2084, 13.9209,  
6.0420

# Harmonies

## Analogous

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



52.8876, 52.5234, 62.8459



53.4790, 52.5234, 57.7715



53.0985, 52.5234, 52.8302

# Triad

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



53.4790, 52.5234, 57.7715



48.3758, 52.5234, 48.7329



48.0328, 52.5234, 65.9306

# Complementary

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



53.4790, 52.5234, 57.7715



53.7128, 60.3055, 64.6891

# 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.



46.8746, 52.5234, 61.7813



53.4790, 52.5234, 57.7715



47.0693, 52.5234, 51.8823

# Square

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



53.4790, 52.5234, 57.7715



50.1249, 52.5234, 47.8010



46.5262, 52.5234, 56.6105



49.7195, 52.5234, 67.7322



# Rectangle

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



53.4790, 52.5234, 57.7715



52.3497, 52.5234, 50.2389



46.5262, 52.5234, 56.6105



47.5704, 52.5234, 64.7523

# Sweetspot

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



53.4805, 52.5257, 57.7726



91.8127, 94.8777, 103.6517



53.3498, 52.2408, 67.5937



19.4708, 20.0220, 21.8912



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.



53.4805, 52.5257, 57.7726



81.8778, 79.2454, 87.2765



53.6195, 54.0235, 54.0588



11.9547, 11.8666, 13.0372



16.8144, 8.5986, 3.9291



0.9754, 0.4949, 0.4053



# Inverse Universe

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



53.4805, 52.5257, 57.7726



81.8778, 79.2454, 87.2765



53.5396, 58.6030, 68.8118



11.9547, 11.8666, 13.0372



16.8144, 8.5986, 3.9291

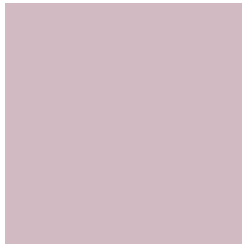


0.9754, 0.4949, 0.4053



# Previews

## White Background



This preview shows how the XYZ color 53.4790, 52.5234, 57.7715 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

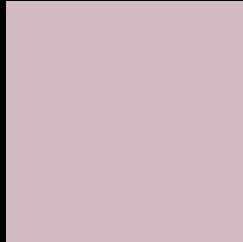
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 53.4790, 52.5234, 57.7715 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

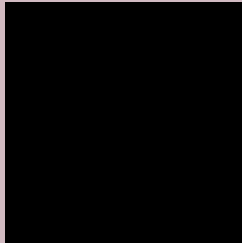
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 53.4790, 52.5234, 57.7715**

## **Background**



This preview shows how black text looks on a background with the XYZ color 53.4790, 52.5234, 57.7715.



This preview shows how white text looks on a background with the XYZ color 53.4790, 52.5234,



# 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

53.4790, 52.5234, 57.7715

### Protanopia

50.8427, 52.7165, 59.7201

### Deuteranopia

53.7629, 52.6697, 57.7847



## Tritanopia

54.2361, 52.5231, 61.3122

# Trichromacy



## Original Color

53.4790, 52.5234, 57.7715

## Protanomaly

51.6011, 52.4774, 59.0392

## Deuteranomaly

53.7629, 52.6697, 57.7847

## Tritanomaly

54.0053, 52.4308, 60.0971

# Monochromacy



## Original Color

53.4790, 52.5234, 57.7715

## Achromatopsia

51.2775, 53.9479, 58.7493

## Achromatomaly

51.9216, 53.2988, 58.5901

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 53.4790, 52.5234, 57.7715 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(209, 186, 193) looks like.

```
.text, #text, p{  
    color:rgb(209, 186, 193)  
}
```

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(209, 186, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 186, 193) }
```

## Border

The CSS property to change the border of an element to XYZ 53.4790, 52.5234, 57.7715 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(209, 186, 193) }
```



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

```
.border{ border-color:rgb(209, 186, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 186, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 186, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 186, 193);  
box-shadow:4px 4px 4px 4px rgb(209, 186,  
193) }
```

# Background

The CSS property to change the background color of an element to XYZ 53.4790, 52.5234, 57.7715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 186, 193) }
```

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

```
.background{ background-color: rgb(209,  
186, 193) }
```

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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