

# Converting Colors

XYZ(54.7021, 51.4224, 49.1405)

Have a look what the booklet for  
XYZ(54.7021, 51.4224, 49.1405)  
contains.

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# Color

**XYZ(54.7886, 51.5448,  
49.1810)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | DFB4B2                    |
| RGB         | 223, 180, 178             |
| RGB Percent | 87%, 71%, 70%             |
| CMY         | 0.1255, 0.2941, 0.3020    |
| CMYK        | 0.00, 0.19, 0.20, 0.13    |
| HSL         | 3°, 41%, 79%              |
| HSV         | 3°, 20%, 87%              |
| XYZ         | 54.7886, 51.5448, 49.1810 |
| YIQ         | 192.6290, 26.2700, 8.4940 |

# Conversions

## Conversions Part 2

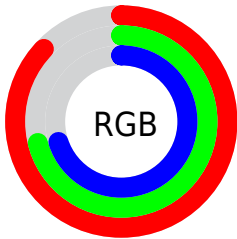
| Format                              | Color                         |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 223, 180, 178                 |
| Decimal                             | 14660786                      |
| CIE Lab                             | 77.01, 15.23, 6.91            |
| CIE LCh                             | 77, 16.719, 24.395            |
| Yxy                                 | 51.5448, 0.3523,<br>0.3314    |
| Android<br>(android.graphics.Color) | 4292850866<br>(0xFFDFB4B2)    |
| YUV                                 | 192.6290, -7.2121,<br>26.6354 |
| Hunter-Lab                          | 71.7947, 10.5777,<br>9.6413   |

# Details

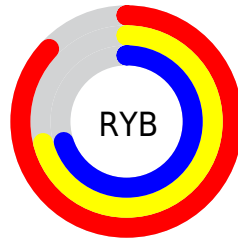
The XYZ color **54.7886, 51.5448, 49.1810** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **57.5354, 66.5042, 79.6167**, and the grayscale version is **50.5021, 53.1322, 57.8609**.

A 20% lighter version of the original color is **86.0867, 87.1914, 90.1343**, and **27.2274, 24.8749, 22.7683** is the 20% darker color. If you saturate the color by 10%, you get **48.7535, 42.7709, 37.0061**, and if you desaturate by 10%, it is **61.8518, 61.7914, 63.4955**.

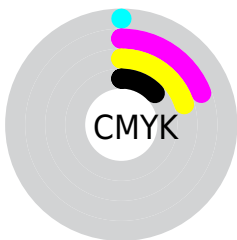
# Distribution



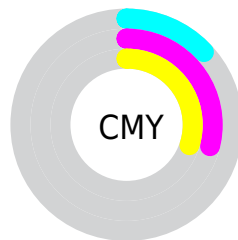
- Red (87%)
- Green (71%)
- Blue (70%)



- Red (87%)
- Yellow (71%)
- Blue (70%)



- Cyan (0%)
- Magenta (19%)
- Yellow (20%)
- Black (13%)




- Cyan (13%)
- Magenta (29%)
- Yellow (30%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 54.7886, 51.5448, 49.1810 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 54.7886, 51.5448, 49.1810 by changing the saturation by 10% instead.





 54.7886, 51.5448,  
49.1810

 54.7886, 51.5448,  
49.1810


395.2595,  
392.6768, 400.0974

 39.4657, 36.6424,  
34.3965

 96.3813, 92.4596,  
90.3440

 27.3045, 24.9307,  
22.9185


123.3817,  
119.2407, 117.5595

 17.9398, 16.0254,  
14.3286


155.0054,  
150.7502, 149.7558

 11.0062, 9.5422,  
8.2082

191.6177,  
187.3724, 187.3514

 6.1383, 5.0965,  
4.1388

233.5839,  
229.4918, 230.7648

 2.9708, 2.3040,  
1.7018

281.2693,

 1.1384, 0.7758,

277.4927, 280.4146

0.3620

335.0394,  
331.7596, 336.7192

■ 0.0569, 0.0000,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 54.7886, 51.5448,  
49.1810

■ 54.7886, 51.5448,  
49.1810

■ 48.7535, 42.7709,  
37.0061

■ 61.8518, 61.7914,  
63.4955

■ 43.6945, 35.3954,  
26.8650

■ 69.9834, 73.5665,  
80.0420

■ 39.5616, 29.3482,  
18.6478

■ 79.2266, 86.9317,  
98.9113

■ 36.2987, 24.5503,  
12.2330

■ 84.2417, 94.4281,  
108.3942

■ 33.8434, 20.9145,  
7.4852

■ 32.1254, 18.3420,  
4.2499

■ 31.0618, 16.7181,  
2.3438

■ 30.5395, 15.9037,  
1.4601

# Harmonies

## Analogous

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



55.3485, 51.5448, 57.8555



54.7886, 51.5448, 49.1810



52.6476, 51.5448, 43.0269

# Triad

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



54.7886, 51.5448, 49.1810



44.1754, 51.5448, 46.5115



48.3956, 51.5448, 75.4690

# Complementary

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



54.7886, 51.5448, 49.1810



57.5354, 66.5042, 79.6167

# 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.



45.5093, 51.5448, 71.6398



54.7886, 51.5448, 49.1810



43.1414, 51.5448, 54.4264

# Square

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



54.7886, 51.5448, 49.1810



46.5036, 51.5448, 41.6066



43.6190, 51.5448, 63.6905



51.5672, 51.5448, 73.6763



# Rectangle

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



54.7886, 51.5448, 49.1810



50.6592, 51.5448, 40.8575



43.6190, 51.5448, 63.6905



47.3614, 51.5448, 74.7850

# Sweetspot

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



54.7900, 51.5471, 49.1821



88.1961, 90.0784, 94.9430



59.4703, 52.7766, 75.8095



18.7249, 19.0593, 20.0111



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.



54.7900, 51.5471, 49.1821



70.8138, 64.8633, 59.7088



59.5885, 61.1441, 50.7816



13.7559, 13.7978, 14.2450



17.9782, 9.3944, 0.8657



1.2637, 0.6862, 0.0658

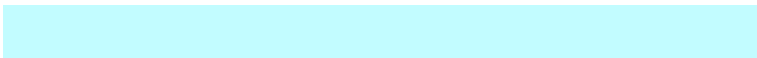


# Inverse Universe

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



57.5354, 66.5042, 79.6167



75.1436, 88.4564, 107.7210



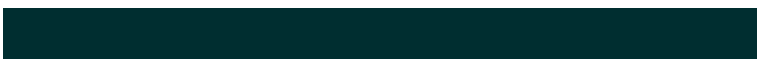
52.1035, 55.6403, 77.8061



14.0615, 15.4622, 17.6311



21.8554, 31.1803, 45.9149



1.5313, 2.1941, 3.1880



# Previews

## White Background



This preview shows how the XYZ color 54.7886, 51.5448, 49.1810 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 54.7886, 51.5448, 49.1810 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

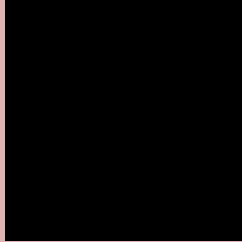
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 54.7886, 51.5448, 49.1810

## Background



This preview shows how black text looks on a background with the XYZ color 54.7886, 51.5448, 49.1810.



This preview shows how white text looks on a background with the XYZ color 54.7886, 51.5448,



# 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

54.7886, 51.5448, 49.1810

### Protanopia

49.4664, 51.8479, 52.2002

### Deuteranopia

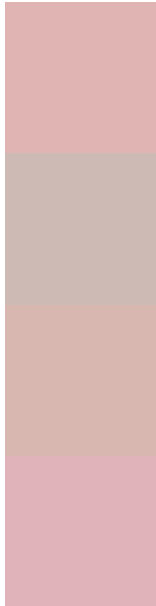
52.8079, 51.7514, 48.8007



## Tritanopia

56.4862, 51.6541, 56.8623

# Trichromacy



## Original Color

54.7886, 51.5448, 49.1810

## Protanomaly

51.0762, 51.4331, 50.9516

## Deuteranomaly

53.4846, 51.7930, 48.7731

## Tritanomaly

55.8302, 51.6753, 54.0455

# Monochromacy



## Original Color

54.7886, 51.5448, 49.1810

## Achromatopsia

50.6879, 53.3276, 58.0738

## Achromatomaly

51.9622, 52.4346, 54.9592

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 54.7886, 51.5448, 49.1810 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(223, 180, 178)` looks like.

```
.text, #text, p{  
    color:rgb(223, 180, 178)  
}
```

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(223, 180, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 180, 178) }
```

## Border

The CSS property to change the border of an element to XYZ 54.7886, 51.5448, 49.1810 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(223, 180, 178) }
```



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

```
.border{ border-color:rgb(223, 180, 178) }
```

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

Here you see how a box with a 4 pixel rgb(223, 180, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 180, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 180, 178);  
box-shadow:4px 4px 4px 4px rgb(223, 180,  
178) }
```

# Background

The CSS property to change the background color of an element to XYZ 54.7886, 51.5448, 49.1810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 180, 178) }
```

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

```
.background{ background-color: rgb(223,  
180, 178) }
```

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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