

Converting Colors

XYZ(57.8749, 54.7350, 60.9483)

Have a look what the booklet for
XYZ(57.8749, 54.7350, 60.9483)
contains.

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Color

**XYZ(57.8761, 54.7246,
60.9386)**

Conversions

Conversions Part 1

Format	Color
Hex	DEBAC6
RGB	222, 186, 198
RGB Percent	87%, 73%, 78%
CMY	0.1294, 0.2706, 0.2235
CMYK	0.00, 0.16, 0.11, 0.13
HSL	340°, 35%, 80%
HSV	340°, 16%, 87%
XYZ	57.8761, 54.7246, 60.9386
YIQ	198.1320, 17.6040, 11.3640

Conversions

Conversions Part 2

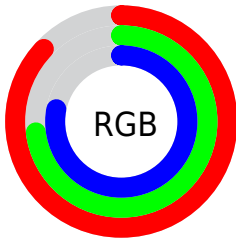
Format	Color
R _{YB}	222, 186, 198
Decimal	14596806
CIE Lab	78.88, 14.82, -1.23
CIE LCh	79, 14.871, 355.260
Yxy	54.7246, 0.3335, 0.3153
Android (android.graphics.Color)	4292786886 (0xFFDEBAC6)
YUV	198.1320, -0.0651, 20.9322
Hunter-Lab	73.9761, 10.1936, 2.9425

Details

The XYZ color **57.8761, 54.7246, 60.9386** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **58.0059, 67.3361, 70.9158**, and the grayscale version is **53.7509, 56.5501, 61.5831**.

A 20% lighter version of the original color is **91.0421, 91.9843, 107.5640**, and **29.3579, 27.0042, 30.0506** is the 20% darker color. If you saturate the color by 10%, you get **51.9331, 45.4382, 50.9421**, and if you desaturate by 10%, it is **64.7156, 65.5358, 72.0585**.

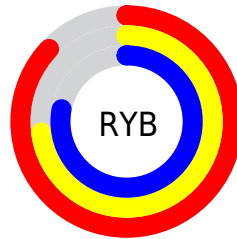
Distribution



Red (87%)

Green (73%)

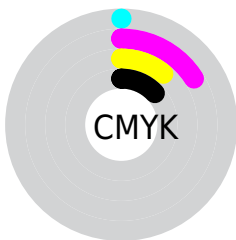
Blue (78%)



Red (87%)

Yellow (73%)

Blue (78%)

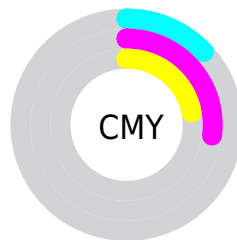


Cyan (0%)

Magenta (16%)

Yellow (11%)

Black (13%)



Cyan (13%)


Magenta (27%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.8761, 54.7246, 60.9386 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 57.8761, 54.7246, 60.9386 by changing the saturation by 10% instead.


 57.8761, 54.7246,
60.9386

 57.8761, 54.7246,
60.9386


406.6854,
404.8671, 445.9492

 41.9519, 39.1813,
43.7454


 100.8664, 97.1373,
107.7467

 29.2546, 26.9008,
30.1347


128.6633,
124.7755, 138.1986

 19.4187, 17.4987,
19.6879


161.1484,
157.2141, 173.9073

 12.0790, 10.5907,
11.9866

198.6871,
194.8375, 215.2911

 6.8701, 5.7923,
6.6121

241.6448,
238.0302, 262.7686

 3.4266, 2.7192,
3.1460

290.3869,

 1.3832, 0.9870,

287.1764, 316.7585

1.1696

345.2786,
342.6606, 377.6791

■ 0.2442, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.8761, 54.7246,
60.9386

■ 57.8761, 54.7246,
60.9386

■ 51.9331, 45.4382,
50.9421

■ 64.7156, 65.5358,
72.0585

■ 46.8438, 37.6004,
42.0292

■ 72.4829, 77.9288,
84.3327

■ 42.5688, 31.1397,
34.1629

■ 81.2134, 91.9667,
97.7955

■ 39.0633, 25.9751,
27.3025

■ 83.9344, 94.2697,
108.3798

■ 36.2785, 22.0176,
21.4043

■ 34.1593, 19.1664,
16.4213

■ 32.6421, 17.3043,
12.3014

■ 31.6485, 16.2853,
8.9853

■ 31.3600, 16.0239,
7.9160

Harmonies

Analogous

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



56.8174, 54.7246, 69.3338



57.8761, 54.7246, 60.9386



57.3162, 54.7246, 52.9169

Triad

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



57.8761, 54.7246, 60.9386



49.6302, 54.7246, 46.0648



48.8473, 54.7246, 73.9616

Complementary

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



57.8761, 54.7246, 60.9386



58.0059, 67.3361, 70.9158

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.



47.0495, 54.7246, 66.7927



57.8761, 54.7246, 60.9386



47.4894, 54.7246, 50.7972

Square

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



57.8761, 54.7246, 60.9386



52.4843, 54.7246, 44.8142



46.5619, 54.7246, 58.2531



51.5467, 54.7246, 77.2916

Rectangle

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



57.8761, 54.7246, 60.9386



56.1111, 54.7246, 48.7725



46.5619, 54.7246, 58.2531



48.1216, 54.7246, 71.8897

Sweetspot

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



57.8777, 54.7270, 60.9398



89.7779, 91.5977, 100.5393



57.3239, 54.0960, 76.5281



19.0632, 19.3625, 21.2750



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.



57.8777, 54.7270, 60.9398



76.7224, 70.9793, 79.2545



57.8386, 56.7764, 54.3678



13.8947, 13.7755, 15.2157



18.6732, 9.5363, 4.9451



1.3349, 0.6772, 0.5563

Inverse Universe

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



57.8777, 54.7270, 60.9398



76.7224, 70.9793, 79.2545



57.9922, 64.8263, 78.5640



13.8947, 13.7755, 15.2157



18.6732, 9.5363, 4.9451



1.3349, 0.6772, 0.5563

Previews

White Background



This preview shows how the XYZ color 57.8761, 54.7246, 60.9386 looks on a white background.

Color Contrast Check

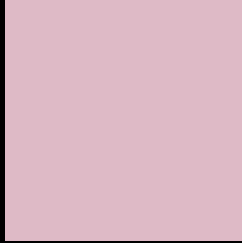
Large Text (above 18pt) WCAG AA × Fail

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 57.8761, 54.7246, 60.9386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

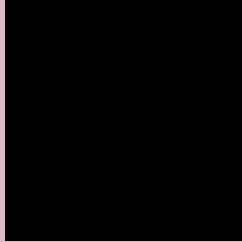
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.8761, 54.7246, 60.9386

Background



This preview shows how black text looks on a background with the XYZ color 57.8761, 54.7246, 60.9386.



This preview shows how white text looks on a background with the XYZ color 57.8761, 54.7246,

60.9386.

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

57.8761, 54.7246, 60.9386

Protanopia

53.0972, 54.7657, 64.2722

Deuteranopia

55.7162, 54.5725, 60.4203



Tritanopia

58.1084, 54.8175, 62.1618

Trichromacy



Original Color

57.8761, 54.7246, 60.9386

Protanomaly

54.6270, 54.6005, 62.9181

Deuteranomaly

56.3802, 54.5966, 60.3900

Tritanomaly

57.9919, 54.7709, 61.5482

Monochromacy



Original Color

57.8761, 54.7246, 60.9386

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

55.2170, 55.9262, 61.3107

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.8761, 54.7246, 60.9386 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(222, 186, 198)` looks like.

```
.text, #text, p{  
    color:rgb(222, 186, 198)  
}
```

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(222, 186, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 186, 198) }
```

Border

The CSS property to change the border of an element to XYZ 57.8761, 54.7246, 60.9386 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(222, 186, 198) }
```


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

```
.border{ border-color:rgb(222, 186, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 186, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 186, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 186, 198);  
box-shadow:4px 4px 4px 4px rgb(222, 186,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 57.8761, 54.7246, 60.9386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 186, 198) }
```

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

```
.background{ background-color: rgb(222,  
186, 198) }
```

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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