

Converting Colors

XYZ(57.4689, 54.4223, 60.1437)

Have a look what the booklet for
XYZ(57.4689, 54.4223, 60.1437)
contains.

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Color

**XYZ(57.4557, 54.5212,
60.3187)**

Conversions

Conversions Part 1

Format	Color
Hex	DDBAC5
RGB	221, 186, 197
RGB Percent	87%, 73%, 77%
CMY	0.1333, 0.2706, 0.2274
CMYK	0.00, 0.16, 0.11, 0.13
HSL	341°, 34%, 80%
HSV	341°, 16%, 87%
XYZ	57.4557, 54.5212, 60.3187
YIQ	197.7190, 17.3290, 10.8410

Conversions

Conversions Part 2

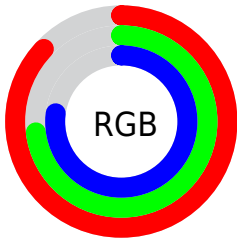
Format	Color
R _Y B	221, 186, 197
Decimal	14531269
CIE Lab	78.76, 14.30, -0.87
CIE LCh	79, 14.326, 356.515
Yxy	54.5212, 0.3335, 0.3164
Android (android.graphics.Color)	4292721349 (0xFFDDBAC5)
YUV	197.7190, -0.3545, 20.4174
Hunter-Lab	73.8385, 9.6783, 3.2529

Details

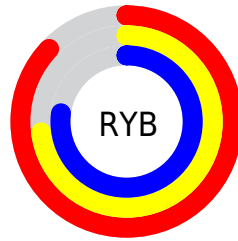
The XYZ color **57.4557, 54.5212, 60.3187** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **57.7411, 66.8065, 70.8276**, and the grayscale version is **53.5019, 56.2882, 61.2979**.

A 20% lighter version of the original color is **90.8815, 91.9200, 106.7183**, and **29.0713, 26.8652, 29.6399** is the 20% darker color. If you saturate the color by 10%, you get **51.5050, 45.2603, 50.1936**, and if you desaturate by 10%, it is **64.3041, 65.2969, 71.6058**.

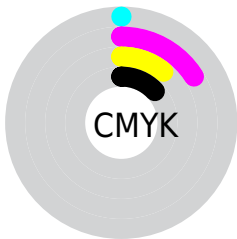
Distribution



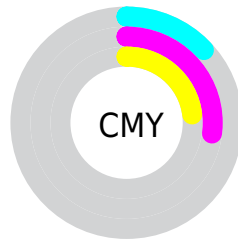
- Red (87%)
- Green (73%)
- Blue (77%)



- Red (87%)
- Yellow (73%)
- Blue (77%)



- Cyan (0%)
- Magenta (16%)
- Yellow (11%)
- Black (13%)





- Cyan (13%)
- Magenta (27%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.4557, 54.5212, 60.3187 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 57.4557, 54.5212, 60.3187 by changing the saturation by 10% instead.


 57.4557, 54.5212,
60.3187

 57.4557, 54.5212,
60.3187


405.1413,
404.0944, 443.6087

 41.6128, 39.0185,
43.2486


 100.2573, 96.8391,
106.8397

 28.9880, 26.7741,
29.7474


127.9468,
124.4231, 137.1277

 19.2160, 17.4037,
19.3965


160.3157,
156.8029, 172.6588

 11.9314, 10.5227,
11.7774

197.7296,
194.3631, 213.8514

 6.7688, 5.7469,
6.4716

240.5538,
237.4879, 261.1242

 3.3630, 2.6918,
3.0605

289.1535,

 1.3485, 0.9730,

286.5618, 314.8957

1.1256

343.8943,
341.9692, 375.5843

■ 0.2191, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.4557, 54.5212,
60.3187

■ 57.4557, 54.5212,
60.3187

■ 51.5050, 45.2603,
50.1936

■ 64.3041, 65.2969,
71.6058

■ 46.4094, 37.4389,
41.1891

■ 72.0815, 77.6437,
84.0876

■ 42.1294, 30.9861,
33.2661

■ 80.8231, 91.6242,
97.7999

■ 38.6206, 25.8222,
26.3820

■ 83.6290, 94.1123,
108.3655

■ 35.8343, 21.8591,
20.4909

■ 33.7156, 18.9975,
15.5433

■ 32.2014, 17.1220,
11.4846

■ 31.2149, 16.0905,
8.2531

■ 30.9069, 15.8074,
7.1243

Harmonies

Analogous

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



56.5024, 54.5212, 68.4029



57.4557, 54.5212, 60.3187



56.8543, 54.5212, 52.6627

Triad

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



57.4557, 54.5212, 60.3187



49.4246, 54.5212, 46.4593



48.8704, 54.5212, 73.3631

Complementary

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



57.4557, 54.5212, 60.3187



57.7411, 66.8065, 70.8276

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.



47.0935, 54.5212, 66.6116



57.4557, 54.5212, 60.3187



47.4051, 54.5212, 51.1592

Square

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



57.4557, 54.5212, 60.3187



52.1529, 54.5212, 45.1025



46.5669, 54.5212, 58.4201



51.4900, 54.5212, 76.3542

Rectangle

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



57.4557, 54.5212, 60.3187



55.6642, 54.5212, 48.7404



46.5669, 54.5212, 58.4201



48.1585, 54.5212, 71.4297

Sweetspot

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



57.4572, 54.5236, 60.3199



89.7405, 91.5828, 100.3425



57.1665, 54.0303, 75.8230



19.0541, 19.3588, 21.2272



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.



57.4572, 54.5236, 60.3199



76.5984, 70.9297, 78.6017



57.6248, 56.8022, 54.3841



13.2237, 13.1186, 14.4395



17.9994, 9.2008, 4.3772



1.2044, 0.6114, 0.4852

Inverse Universe

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



57.4572, 54.5236, 60.3199



76.5984, 70.9297, 78.6017



57.4971, 64.0500, 77.7396



13.2237, 13.1186, 14.4395



17.9994, 9.2008, 4.3772



1.2044, 0.6114, 0.4852

Previews

White Background



This preview shows how the XYZ color 57.4557, 54.5212, 60.3187 looks on a white background.

Color Contrast Check

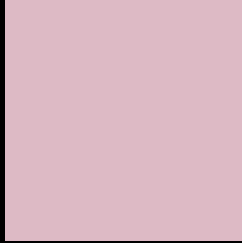
Large Text (above 18pt) WCAG AA × Fail

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 57.4557, 54.5212, 60.3187 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 57.4557, 54.5212, 60.3187

Background



This preview shows how black text looks on a background with the XYZ color 57.4557, 54.5212, 60.3187.



This preview shows how white text looks on a background with the XYZ color 57.4557, 54.5212,

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

57.4557, 54.5212, 60.3187

Protanopia

52.9784, 54.7182, 63.6465

Deuteranopia

55.6020, 54.5268, 59.8187



Tritanopia

57.8030, 54.6601, 62.1475

Trichromacy



Original Color

57.4557, 54.5212, 60.3187

Protanomaly

54.5097, 54.5535, 62.3005

Deuteranomaly

56.2659, 54.5509, 59.7884

Tritanomaly

57.6865, 54.6135, 61.5339

Monochromacy



Original Color

57.4557, 54.5212, 60.3187

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

54.9384, 55.7826, 61.2976

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.4557, 54.5212, 60.3187 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(221, 186, 197) looks like.

```
.text, #text, p{  
    color:rgb(221, 186, 197)  
}
```

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(221, 186, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 186, 197) }
```

Border

The CSS property to change the border of an element to XYZ 57.4557, 54.5212, 60.3187 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(221, 186, 197) }
```


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

```
.border{ border-color:rgb(221, 186, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 186, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 186, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 186, 197);  
box-shadow:4px 4px 4px 4px rgb(221, 186,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4557, 54.5212, 60.3187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 186, 197) }
```

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

```
.background{ background-color: rgb(221,  
186, 197) }
```

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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