

Converting Colors

XYZ(58.2146, 61.4195, 54.1343)

Have a look what the booklet for
XYZ(58.2146, 61.4195, 54.1343)
contains.

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Color

**XYZ(58.2146, 61.4195,
54.1343)**

Conversions

Conversions Part 1

Format	Color
Hex	D6CDB8
RGB	214, 205, 184
RGB Percent	84%, 80%, 72%
CMY	0.1608, 0.1961, 0.2784
CMYK	0.00, 0.04, 0.14, 0.16
HSL	42°, 27%, 78%
HSV	42°, 14%, 84%
XYZ	58.2146, 61.4195, 54.1343
YIQ	205.2970, 12.1050, -4.6230

Conversions

Conversions Part 2

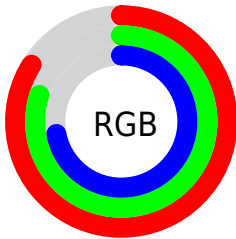
Format	Color
RYB	197, 214, 184
Decimal	14077368
CIELab	82.60, -0.40, 11.57
CIELCh	83, 11.572, 91.958
Yxy	61.4195, 0.3350, 0.3535
Android (android.graphics.Color)	4292267448 (0xFFD6CDB8)
YUV	205.2970, -10.4994, 7.6325
Hunter-Lab	78.3706, -4.5566, 13.9050

Details

The XYZ color **58.2146, 61.4195, 54.1343** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.9745, 53.1842, 71.1977**, and the grayscale version is **58.2782, 61.3132, 66.7700**.

A 20% lighter version of the original color is **92.7282, 99.0713, 96.6734**, and **29.4614, 31.1428, 25.9311** is the 20% darker color. If you saturate the color by 10%, you get **54.6358, 57.5841, 42.6986**, and if you desaturate by 10%, it is **62.1991, 65.5221, 67.3809**.

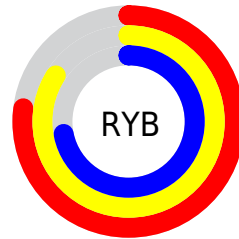
Distribution



Red (84%)

Green (80%)

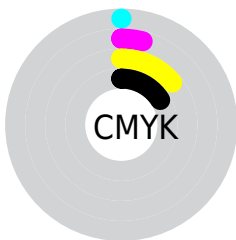
Blue (72%)



Red (77%)

Yellow (84%)

Blue (72%)

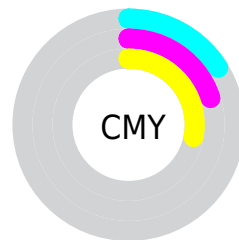


Cyan (0%)

Magenta (4%)

Yellow (14%)

Black (16%)



Cyan (16%)


Magenta (20%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.2146, 61.4195, 54.1343 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 58.2146, 61.4195, 54.1343 by changing the saturation by 10% instead.


 58.2146, 61.4195,
54.1343

 58.2146, 61.4195,
54.1343


407.9261,
429.8105, 419.8110

 42.2251, 44.5638,
38.3151


 101.3565,
106.8861, 97.7298

 29.4695, 31.1140,
25.9236


129.2396,
136.2658, 126.3432

 19.5823, 20.6857,
16.5413


161.8179,
170.5890, 160.0585

 12.1983, 12.8944,
9.7495

199.4569,
210.2400, 199.2941

 6.9520, 7.3559,
5.1298

242.5219,
255.6032, 244.4686

 3.4782, 3.6857,
2.2635

291.3782,

 1.4114, 1.4993,

307.0631, 296.0006

0.7107

346.3911,
365.0041, 354.3085

■ 0.2643, 0.2883,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.2146, 61.4195,
54.1343

■ 58.2146, 61.4195,
54.1343

■ 54.6358, 57.5841,
42.6986

■ 62.1991, 65.5221,
67.3809

■ 51.4418, 54.0000,
32.9897

■ 66.5992, 69.8908,
82.5097

■ 48.6172, 50.6620,
24.9225

■ 71.4309, 74.5351,
99.5931

■ 46.1433, 47.5615,
18.4031

■ 74.2662, 78.4851,
105.8426

43.9998, 44.6889,
13.3282

76.0920, 82.1366,
106.4512

42.1639, 42.0339,
9.5815

77.9842, 85.9211,
107.0820

40.6093, 39.5848,
7.0289

79.9436, 89.8400,
107.7351

39.3044, 37.3273,
5.5074

81.5418, 93.0362,
108.2678

38.6113, 36.0553,
4.9243

Harmonies

Analogous

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



60.6479, 61.4195, 55.5317



58.2146, 61.4195, 54.1343



55.8896, 61.4195, 55.9450

Triad

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



58.2146, 61.4195, 54.1343



54.4244, 61.4195, 74.3674



62.6880, 61.4195, 73.5032

Complementary

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



58.2146, 61.4195, 54.1343



50.9745, 53.1842, 71.1977

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.



60.9379, 61.4195, 79.1441



58.2146, 61.4195, 54.1343



56.1642, 61.4195, 79.6674

Square

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



58.2146, 61.4195, 54.1343



53.7402, 61.4195, 67.3431



58.5405, 61.4195, 81.4735



63.2739, 61.4195, 66.4098

Rectangle

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



58.2146, 61.4195, 54.1343



54.7019, 61.4195, 58.8078



58.5405, 61.4195, 81.4735



62.2140, 61.4195, 75.6490

Sweetspot

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



58.2163, 61.4222, 54.1356



92.4829, 97.4244, 100.1566



54.4984, 52.4282, 57.7001



19.6943, 20.7507, 21.0967



0.0000, 0.0000, 0.0000



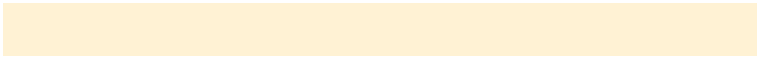
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



58.2163, 61.4222, 54.1356



84.8321, 89.5009, 74.8604



58.7113, 64.9643, 54.7932



13.1439, 13.8619, 13.1436



23.4328, 21.9828, 3.0081



1.4842, 1.4676, 0.2051

Inverse Universe

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



50.9745, 53.1842, 71.1977



71.9309, 74.8257, 105.2594



50.5141, 50.0840, 70.6236



12.0432, 12.6097, 15.7367



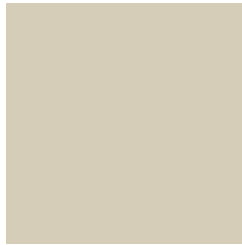
8.5303, 5.3224, 39.0309



0.5864, 0.4648, 2.3781

Previews

White Background



This preview shows how the XYZ color 58.2146, 61.4195, 54.1343 looks on a white background.

Color Contrast Check

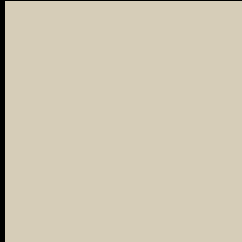
Large Text (above 18pt) WCAG AA × Fail

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 58.2146, 61.4195, 54.1343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

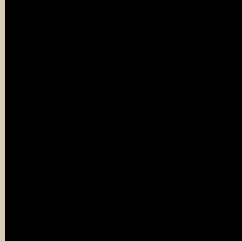
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

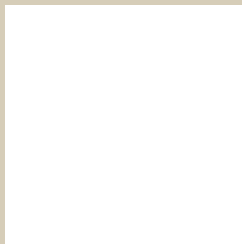
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.2146, 61.4195, 54.1343

Background



This preview shows how black text looks on a background with the XYZ color 58.2146, 61.4195, 54.1343.

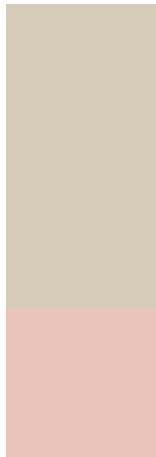


This preview shows how white text looks on a background with the XYZ color 58.2146, 61.4195,

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

58.2146, 61.4195, 54.1343

Protanopia

58.2146, 61.4195, 54.1343

Deuteranopia

62.5553, 61.2146, 54.4175



Tritanopia

61.9624, 61.1718, 73.5073

Trichromacy



Original Color

58.2146, 61.4195, 54.1343

Protanomaly

58.2146, 61.4195, 54.1343

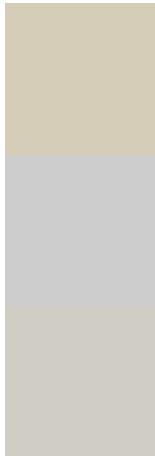
Deuteranomaly

61.0076, 61.4448, 54.5435

Tritanomaly

60.6349, 61.3524, 65.7731

Monochromacy



Original Color

58.2146, 61.4195, 54.1343

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.9218, 61.1038, 61.5647

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.2146, 61.4195, 54.1343 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(214, 205, 184) looks like.

```
.text, #text, p{  
    color:rgb(214, 205, 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(214, 205, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 205, 184) }
```

Border

The CSS property to change the border of an element to XYZ 58.2146, 61.4195, 54.1343 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(214, 205, 184) }
```


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

```
.border{ border-color:rgb(214, 205, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 205, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 205, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 205, 184);  
box-shadow:4px 4px 4px 4px rgb(214, 205,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 58.2146, 61.4195, 54.1343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 205, 184) }
```

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

```
.background{ background-color: rgb(214,  
205, 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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