

Converting Colors

XYZ(58.2406, 61.5477, 55.0647)

Have a look what the booklet for
XYZ(58.2406, 61.5477, 55.0647)
contains.

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Color

**XYZ(58.1348, 61.3539,
55.2328)**

Conversions

Conversions Part 1

Format	Color
Hex	D5CDBA
RGB	213, 205, 186
RGB Percent	84%, 80%, 73%
CMY	0.1647, 0.1961, 0.2706
CMYK	0.00, 0.04, 0.13, 0.16
HSL	42°, 24%, 78%
HSV	42°, 13%, 84%
XYZ	58.1348, 61.3539, 55.2328
YIQ	205.2260, 10.8670, -4.2130

Conversions

Conversions Part 2

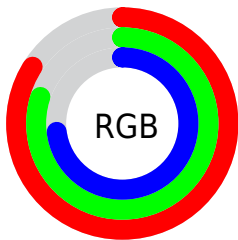
Format	Color
R _{YB}	197, 213, 186
Decimal	14011834
CIE _{Lab}	82.57, -0.44, 10.44
CIE _{LCh}	83, 10.450, 92.403
Y _{xy}	61.3539, 0.3327, 0.3512
Android (android.graphics.Color)	4292201914 (0xFFD5CDBA)
YUV	205.2260, -9.4784, 6.8178
Hunter-Lab	78.3287, -4.5944, 13.0223

Details

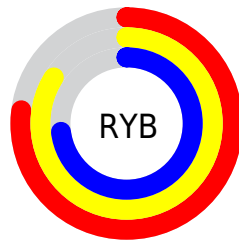
The XYZ color **58.1348, 61.3539, 55.2328** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.5516, 53.8258, 70.6237**, and the grayscale version is **58.2271, 61.2595, 66.7116**.

A 20% lighter version of the original color is **93.0270, 99.1908, 98.2471**, and **29.4008, 31.0958, 26.6428** is the 20% darker color. If you saturate the color by 10%, you get **54.5590, 57.5597, 43.6896**, and if you desaturate by 10%, it is **62.1124, 65.4103, 68.5768**.

Distribution



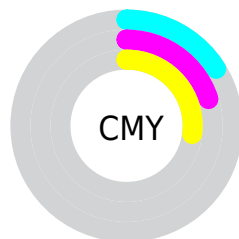
- Red (84%)
- Green (80%)
- Blue (73%)



- Red (77%)
- Yellow (84%)
- Blue (73%)



- Cyan (0%)
- Magenta (4%)
- Yellow (13%)
- Black (16%)



- Cyan (16%)
- Magenta (20%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.1348, 61.3539, 55.2328 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 58.1348, 61.3539, 55.2328 by changing the saturation by 10% instead.

■ 58.1348, 61.3539,
55.2328

■ 58.1348, 61.3539,
55.2328

407.6338,
429.5704, 424.1006

■ 42.1607, 44.5108,
39.1883

■ 101.2410,
106.7912, 99.3565

■ 29.4188, 31.0723,
26.5973

129.1038,
136.1542, 128.2728

■ 19.5437, 20.6539,
17.0412

161.6602,
170.4593, 162.3168

■ 12.1702, 12.8713,
10.1016

199.2755,
210.0910, 201.9070

■ 6.9327, 7.3400,
5.3599

242.3152,
255.4335, 247.4619

■ 3.4660, 3.6756,
2.3975

291.1446,

■ 1.4047, 1.4938,

306.8713, 299.4001

0.7851

346.1290,
364.7888, 358.1402

■ 0.2596, 0.2844,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.1348, 61.3539,
55.2328

■ 58.1348, 61.3539,
55.2328

■ 54.5590, 57.5597,
43.6896

■ 62.1124, 65.4103,
68.5768

■ 51.3645, 54.0121,
33.8645

■ 66.5013, 69.7276,
83.7913

■ 48.5360, 50.7060,
25.6744

■ 71.3173, 74.3153,
100.9472

■ 46.0556, 47.6331,
19.0276

■ 73.8536, 78.0918,
105.7885

43.9034, 44.7841,
13.8234

75.6434, 81.6713,
106.3851

42.0573, 42.1490,
9.9488

77.4973, 85.3793,
107.0030

40.4918, 39.7165,
7.2740

79.4162, 89.2169,
107.6427

39.1766, 37.4730,
5.6429

81.2508, 92.8863,
108.2542

38.3347, 35.9340,
4.9155

Harmonies

Analogous

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



60.3311, 61.3539, 56.4673



58.1348, 61.3539, 55.2328



56.0395, 61.3539, 56.9306

Triad

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



58.1348, 61.3539, 55.2328



54.7571, 61.3539, 73.6275



62.2120, 61.3539, 72.6766

Complementary

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



58.1348, 61.3539, 55.2328



51.5516, 53.8258, 70.6237

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.



60.6513, 61.3539, 77.7576



58.1348, 61.3539, 55.2328



56.3444, 61.3539, 78.3308

Square

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



58.1348, 61.3539, 55.2328



54.1208, 61.3539, 67.3220



58.4957, 61.3539, 79.8879



62.7206, 61.3539, 66.2886

Rectangle

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



58.1348, 61.3539, 55.2328



54.9718, 61.3539, 59.5643



58.4957, 61.3539, 79.8879



61.7911, 61.3539, 74.6077

Sweetspot

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



58.1365, 61.3566, 55.2341



92.4948, 97.4482, 100.1606



54.7490, 53.1643, 58.4748



19.6973, 20.7567, 21.0977



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.



58.1365, 61.3566, 55.2341



85.9841, 90.7612, 78.4621



58.5579, 64.4863, 55.8160



13.1479, 13.8699, 13.1449



23.5089, 22.1351, 3.0334



1.4883, 1.4759, 0.2064

Inverse Universe

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



51.5516, 53.8258, 70.6237



74.3558, 77.4629, 105.6406



51.1565, 51.0511, 70.1090



12.0394, 12.6021, 15.7354



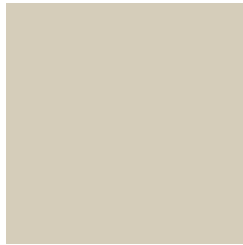
8.5027, 5.2671, 39.0217



0.5844, 0.4607, 2.3774

Previews

White Background



This preview shows how the XYZ color 58.1348, 61.3539, 55.2328 looks on a white background.

Color Contrast Check

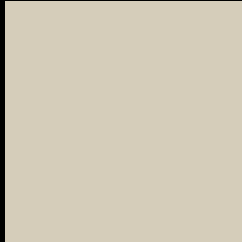
Large Text (above 18pt) WCAG AA × Fail

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 58.1348, 61.3539, 55.2328 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

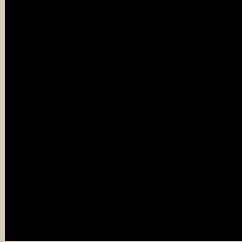
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

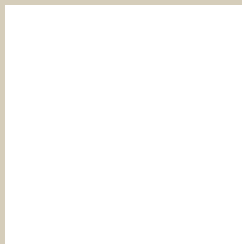
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.1348, 61.3539, 55.2328

Background



This preview shows how black text looks on a background with the XYZ color 58.1348, 61.3539, 55.2328.

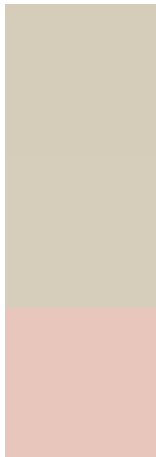


This preview shows how white text looks on a background with the XYZ color 58.1348, 61.3539,

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

58.1348, 61.3539, 55.2328

Protanopia

58.4258, 61.5040, 55.2465

Deuteranopia

62.4424, 61.1318, 55.5223



Tritanopia

61.8966, 61.4829, 73.5708

Trichromacy



Original Color

58.1348, 61.3539, 55.2328

Protanomaly

58.4258, 61.5040, 55.2465

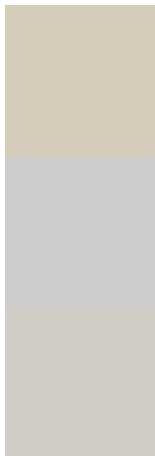
Deuteranomaly

60.9076, 61.3687, 55.6489

Tritanomaly

60.4589, 61.2478, 66.3931

Monochromacy



Original Color

58.1348, 61.3539, 55.2328

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.0368, 61.1498, 62.1703

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.1348, 61.3539, 55.2328 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(213, 205, 186) looks like.

```
.text, #text, p{  
    color:rgb(213, 205, 186)  
}
```

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(213, 205, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 205, 186) }
```

Border

The CSS property to change the border of an element to XYZ 58.1348, 61.3539, 55.2328 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(213, 205, 186) }
```


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

```
.border{ border-color:rgb(213, 205, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 205, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 205, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 205, 186); box-shadow:4px 4px 4px 4px rgb(213, 205, 186) }
```

Background

The CSS property to change the background color of an element to XYZ 58.1348, 61.3539, 55.2328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 205, 186) }
```

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

```
.background{ background-color: rgb(213,  
205, 186) }
```

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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