

Converting Colors

XYZ(57.6269, 64.3945, 33.4973)

Have a look what the booklet for
XYZ(57.6269, 64.3945, 33.4973)
contains.

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Color

**XYZ(57.5951, 64.4835,
33.4557)**

Conversions

Conversions Part 1

Format	Color
Hex	DBD58A
RGB	219, 213, 138
RGB Percent	86%, 84%, 54%
CMY	0.1412, 0.1647, 0.4588
CMYK	0.00, 0.03, 0.37, 0.14
HSL	56°, 53%, 70%
HSV	56°, 37%, 86%
XYZ	57.5951, 64.4835, 33.4557
YIQ	206.2440, 27.6510, -22.0530

Conversions

Conversions Part 2

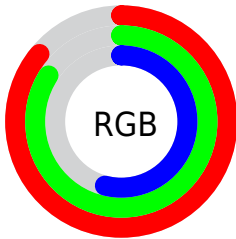
Format	Color
RYB	144, 219, 138
Decimal	14407050
CIELab	84.22, -8.86, 37.83
CIELCh	84, 38.853, 103.182
Yxy	64.4835, 0.3703, 0.4146
Android (android.graphics.Color)	4292597130 (0xFFDBD58A)
YUV	206.2440, -33.6443, 11.1870
Hunter-Lab	80.3016, -12.5015, 31.5094

Details

The XYZ color **57.5951, 64.4835, 33.4557** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.2405, 30.4634, 71.1460**, and the grayscale version is **59.0203, 62.0940, 67.6204**.

A 20% lighter version of the original color is **86.5144, 96.5858, 63.9523**, and **29.2227, 33.2709, 13.8986** is the 20% darker color. If you saturate the color by 10%, you get **55.7618, 63.1034, 25.7954**, and if you desaturate by 10%, it is **59.7555, 66.0055, 42.8038**.

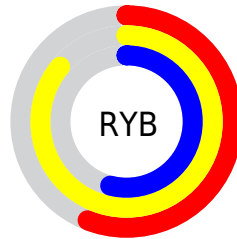
Distribution



Red (86%)

Green (84%)

Blue (54%)



Red (56%)

Yellow (86%)

Blue (54%)

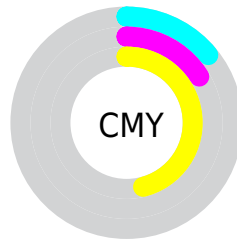


Cyan (0%)

Magenta (3%)

Yellow (37%)

Black (14%)



Cyan (14%)

Magenta (16%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.5951, 64.4835, 33.4557 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 57.5951, 64.4835, 33.4557 by changing the saturation by 10% instead.

■ 57.5951, 64.4835,
33.4557

■ 57.5951, 64.4835,
33.4557

405.6537,
440.9336, 332.3929

■ 41.7252, 47.0424,
22.2018

■ 100.4594,
111.3070, 66.2105

■ 29.0764, 33.0692,
13.8055

■ 128.1844,
141.4581, 88.5485

■ 19.2832, 22.1794,
7.8483

■ 160.5920,
176.6147, 115.4183

■ 11.9803, 13.9888,
3.9117

198.0473,
217.1612, 147.2384

■ 6.8024, 8.1129,
1.5770

240.9158,
263.4819, 184.4274

■ 3.3840, 4.1673,
0.2743

289.5628,

■ 1.3600, 1.7676,

315.9613, 227.4038

0.0000

344.3536,
374.9837, 276.5861

■ 0.2274, 0.4668,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.5951, 64.4835,
33.4557

■ 57.5951, 64.4835,
33.4557

■ 55.7618, 63.1034,
25.7954

■ 59.7555, 66.0055,
42.8038

■ 54.2313, 61.8486,
19.7170


■ 62.2557, 67.6678,
53.9288

■ 52.9839, 60.7136,
15.1090


■ 65.1140, 69.4798,
66.9187


■ 51.9952, 59.6885,
11.8439


■ 68.3456, 71.4477,
81.8542


 51.2369, 58.7620,
9.7721


 71.9649, 73.5773,
98.8114


 50.6720, 57.9193,
8.6984

 73.5791, 74.9114,
105.1891

 50.5204, 57.6739,
8.4695

 74.0135, 75.7803,
105.3339

 74.4521, 76.6574,
105.4801

 74.8949, 77.5430,
105.6276

Harmonies

Analogous

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



66.2002, 64.4835, 33.9325



57.5951, 64.4835, 33.4557



50.6548, 64.4835, 41.0282

Triad

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



57.5951, 64.4835, 33.4557



50.0041, 64.4835, 107.8662



78.5222, 64.4835, 84.8263

Complementary

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



57.5951, 64.4835, 33.4557



33.2405, 30.4634, 71.1460

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.



73.3177, 64.4835, 110.7204



57.5951, 64.4835, 33.4557



56.6281, 64.4835, 126.0077

Square

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



57.5951, 64.4835, 33.4557



46.5565, 64.4835, 81.5758



65.1389, 64.4835, 127.1600



78.8431, 64.4835, 59.9551

Rectangle

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



57.5951, 64.4835, 33.4557



47.6835, 64.4835, 50.9376



65.1389, 64.4835, 127.1600



77.2652, 64.4835, 93.8210

Sweetspot

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



57.5967, 64.4864, 33.4570



90.1995, 97.0059, 86.6069



43.3940, 35.2744, 31.2094



19.1880, 20.6883, 17.9992



0.0000, 0.0000, 0.0000



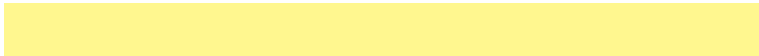
20.3446, 21.4041, 23.3091

Same Dimension

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



57.5967, 64.4864, 33.4570



79.3508, 89.5731, 39.0143



49.9873, 62.8436, 33.5410



14.0755, 15.0903, 13.8964



29.9915, 34.2686, 5.0338



1.9681, 2.2704, 0.3345

Inverse Universe

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



33.2405, 30.4634, 71.1460



40.4264, 35.2084, 99.2729



38.8337, 32.0346, 71.1544



12.4157, 12.7712, 16.4628



7.7234, 3.3162, 39.9714



0.5280, 0.2702, 2.5988

Previews

White Background



This preview shows how the XYZ color 57.5951, 64.4835, 33.4557 looks on a white background.

Color Contrast Check

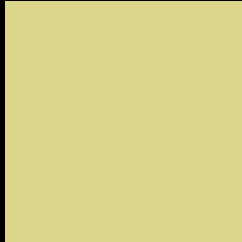
Large Text (above 18pt) WCAG AA × Fail

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 57.5951, 64.4835, 33.4557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

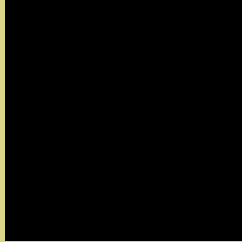
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

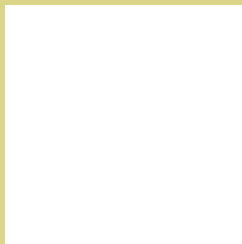
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.5951, 64.4835, 33.4557

Background



This preview shows how black text looks on a background with the XYZ color 57.5951, 64.4835, 33.4557.



This preview shows how white text looks on a background with the XYZ color 57.5951, 64.4835,

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

57.5951, 64.4835, 33.4557

Protanopia

59.5569, 64.3933, 32.9571

Deuteranopia

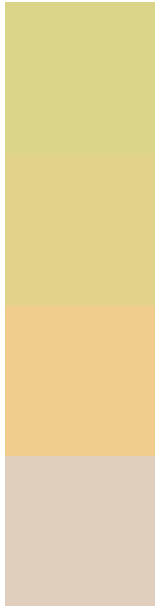
65.8392, 64.3918, 34.1581



Tritanopia

66.1370, 64.3203, 75.9471

Trichromacy



Original Color

57.5951, 64.4835, 33.4557

Protanomaly

58.8610, 64.4022, 32.9955

Deuteranomaly

62.5001, 64.0814, 33.8858

Tritanomaly

62.6584, 64.3509, 57.8337

Monochromacy



Original Color

57.5951, 64.4835, 33.4557

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.0049, 62.7860, 52.7778

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5951, 64.4835, 33.4557 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(219, 213, 138)` looks like.

```
.text, #text, p{  
    color:rgb(219, 213, 138)  
}
```

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(219, 213, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 213, 138) }
```

Border

The CSS property to change the border of an element to XYZ 57.5951, 64.4835, 33.4557 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(219, 213, 138) }
```


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

```
.border{ border-color:rgb(219, 213, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 213, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 213, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 213, 138);  
box-shadow:4px 4px 4px 4px rgb(219, 213,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5951, 64.4835, 33.4557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 213, 138) }
```

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

```
.background{ background-color: rgb(219,  
213, 138) }
```

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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