

Converting Colors

XYZ(58.2931, 65.1675, 35.8909)

Have a look what the booklet for
XYZ(58.2931, 65.1675, 35.8909)
contains.

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Color

**XYZ(58.2940, 65.1668,
35.8916)**

Conversions

Conversions Part 1

Format	Color
Hex	DBD690
RGB	219, 214, 144
RGB Percent	86%, 84%, 56%
CMY	0.1412, 0.1608, 0.4353
CMYK	0.00, 0.02, 0.34, 0.14
HSL	56°, 51%, 71%
HSV	56°, 34%, 86%
XYZ	58.2940, 65.1668, 35.8916
YIQ	207.5150, 25.4500, -20.7100

Conversions

Conversions Part 2

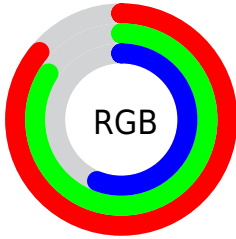
Format	Color
R_{YB}	149, 219, 144
Decimal	14407312
CIE _{Lab}	84.57, -8.68, 35.24
CIE _{LCh}	85, 36.291, 103.832
Yxy	65.1668, 0.3658, 0.4089
Android (android.graphics.Color)	4292597392 (0xFFDDBD690)
YUV	207.5150, -31.3129, 10.0723
Hunter-Lab	80.7260, -12.3716, 30.1472

Details

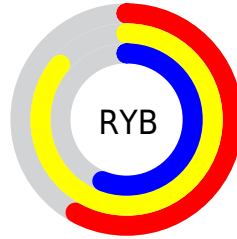
The XYZ color **58.2940, 65.1668, 35.8916** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.0351, 32.5378, 71.4517**, and the grayscale version is **59.8263, 62.9419, 68.5437**.

A 20% lighter version of the original color is **87.1930, 96.8572, 67.5258**, and **29.4782, 33.3731, 15.2439** is the 20% darker color. If you saturate the color by 10%, you get **56.4131, 63.8288, 27.7925**, and if you desaturate by 10%, it is **60.5062, 66.6472, 45.7046**.

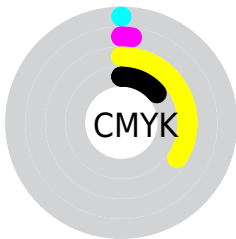
Distribution



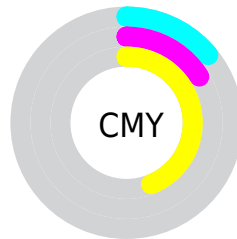
- Red (86%)
- Green (84%)
- Blue (56%)



- Red (58%)
- Yellow (86%)
- Blue (56%)



- Cyan (0%)
- Magenta (2%)
- Yellow (34%)
- Black (14%)



- Cyan (14%)
- Magenta (16%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.2940, 65.1668, 35.8916 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 58.2940, 65.1668, 35.8916 by changing the saturation by 10% instead.

■ 58.2940, 65.1668,
35.8916

■ 58.2940, 65.1668,
35.8916

408.2168,
443.3911, 343.5096

■ 42.2892, 47.5963,
24.0615

■ 101.4714,
112.2896, 70.0319

■ 29.5199, 33.5073,
15.1666

■ 129.3747,
142.6108, 93.1791

■ 19.6207, 22.5154,
8.7885

161.9749,
177.9510, 120.9358

■ 12.2263, 14.2361,
4.5085

199.6374,
218.6946, 153.7204

■ 6.9713, 8.2850,
1.9083

242.7274,
265.2260, 191.9516

■ 3.4903, 4.2779,
0.4980

291.6104,

■ 1.4181, 1.8302,

317.9297, 236.0478

0.0000

346.6518,
377.1899, 286.4276

■ 0.2690, 0.5059,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.2940, 65.1668,
35.8916

■ 58.2940, 65.1668,
35.8916

■ 56.4131, 63.8288,
27.7925

■ 60.5062, 66.6472,
45.7046

■ 54.8398, 62.6168,
21.3039

■ 63.0621, 68.2681,
57.3186

■ 53.5549, 61.5254,
16.3176

■ 65.9795, 70.0389,
70.8198

■ 52.5350, 60.5453,
12.7107

■ 69.2735, 71.9657,
86.2877

■ 51.7530, 59.6655,
10.3406

■ 72.9583, 74.0542,
103.7971

■ 51.1760, 58.8730,
9.0338

■ 73.5859, 74.9251,
105.1913

■ 50.9053, 58.4439,
8.5978

■ 73.9767, 75.7067,
105.3216

■ 74.3709, 76.4950,
105.4530

■ 74.7684, 77.2900,
105.5855

Harmonies

Analogous

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



66.3726, 65.1668, 36.1910



58.2940, 65.1668, 35.8916



51.7783, 65.1668, 43.4250

Triad

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



58.2940, 65.1668, 35.8916



51.3813, 65.1668, 106.4978



78.1136, 65.1668, 84.0986

Complementary

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



58.2940, 65.1668, 35.8916



35.0351, 32.5378, 71.4517

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.



73.3491, 65.1668, 108.1908



58.2940, 65.1668, 35.8916



57.7075, 65.1668, 122.9231

Square

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



58.2940, 65.1668, 35.8916



48.0286, 65.1668, 82.1484



65.7330, 65.1668, 123.6026



78.3054, 65.1668, 60.8286

Rectangle

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



58.2940, 65.1668, 35.8916



49.0001, 65.1668, 53.0655



65.7330, 65.1668, 123.6026



76.9761, 65.1668, 92.4727

Sweetspot

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



58.2956, 65.1698, 35.8930



90.6735, 97.3864, 88.5138



44.6120, 37.1773, 33.2593



19.2854, 20.7699, 18.3802



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.



58.2956, 65.1698, 35.8930



80.3603, 90.6345, 42.3033



50.7374, 63.1787, 35.9070



14.0841, 15.1076, 13.8993



30.2166, 34.7187, 5.1088



1.9804, 2.2949, 0.3386

Inverse Universe

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



35.0351, 32.5378, 71.4517



42.8375, 38.0005, 99.6848



40.7778, 34.3503, 71.4989



12.4080, 12.7557, 16.4603



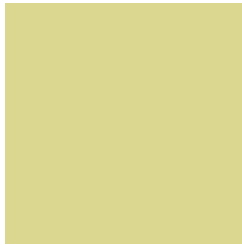
7.7077, 3.2847, 39.9662



0.5243, 0.2628, 2.5975

Previews

White Background



This preview shows how the XYZ color 58.2940, 65.1668, 35.8916 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 58.2940, 65.1668, 35.8916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

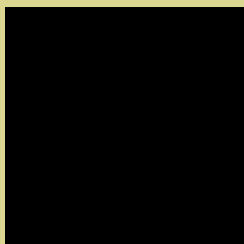
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

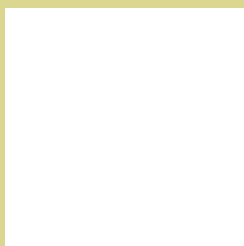
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.2940, 65.1668, 35.8916

Background



This preview shows how black text looks on a background with the XYZ color 58.2940, 65.1668, 35.8916.



This preview shows how white text looks on a background with the XYZ color 58.2940, 65.1668,

35.8916.

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

58.2940, 65.1668, 35.8916

Protanopia

60.5653, 65.2297, 35.3851

Deuteranopia

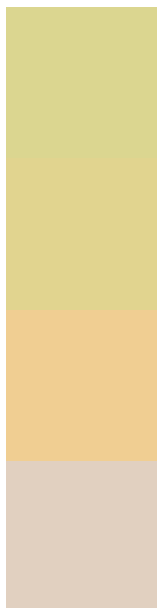
66.5319, 65.0431, 36.6517



Tritanopia

66.5060, 64.8470, 76.7216

Trichromacy



Original Color

58.2940, 65.1668, 35.8916

Protanomaly

59.5527, 65.0777, 35.4091

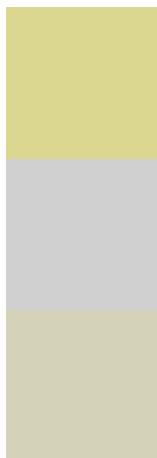
Deuteranomaly

63.1948, 64.7432, 36.3601

Tritanomaly

63.1216, 64.9251, 59.0741

Monochromacy



Original Color

58.2940, 65.1668, 35.8916

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

58.9549, 63.5930, 55.0664

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.2940, 65.1668, 35.8916 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, 214, 144)` looks like.

```
.text, #text, p{  
    color:rgb(219, 214, 144)  
}
```

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, 214, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 214, 144) }
```

Border

The CSS property to change the border of an element to XYZ 58.2940, 65.1668, 35.8916 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, 214, 144) }
```


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

```
.border{ border-color:rgb(219, 214, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 214, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 214, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 214, 144);  
box-shadow:4px 4px 4px 4px rgb(219, 214,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 58.2940, 65.1668, 35.8916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 214, 144) }
```

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

```
.background{ background-color: rgb(219,  
214, 144) }
```

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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