

Converting Colors

XYZ(58.1863, 66.0652, 34.1950)

Have a look what the booklet for
XYZ(58.1863, 66.0652, 34.1950)
contains.

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Color

**XYZ(58.1295, 65.8812,
34.0787)**

Conversions

Conversions Part 1

Format	Color
Hex	DAD88B
RGB	218, 216, 139
RGB Percent	85%, 85%, 55%
CMY	0.1451, 0.1529, 0.4549
CMYK	0.00, 0.01, 0.36, 0.15
HSL	58°, 52%, 70%
HSV	58°, 36%, 85%
XYZ	58.1295, 65.8812, 34.0787
YIQ	207.8200, 25.9090, -23.5230

Conversions

Conversions Part 2

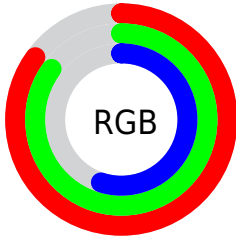
Format	Color
RYB	141, 218, 139
Decimal	14342283
CIELab	84.94, -10.65, 38.24
CIELCh	85, 39.693, 105.570
Yxy	65.8812, 0.3677, 0.4167
Android (android.graphics.Color)	4292532363 (0xFFDAD88B)
YUV	207.8200, -33.9283, 8.9279
Hunter-Lab	81.1672, -14.2064, 31.9237

Details

The XYZ color **58.1295, 65.8812, 34.0787** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **32.8272, 29.5999, 70.3129**, and the grayscale version is **60.0401, 63.1668, 68.7887**.

A 20% lighter version of the original color is **86.6256, 96.6303, 64.5379**, and **29.4066, 33.8757, 14.2213** is the 20% darker color. If you saturate the color by 10%, you get **56.5528, 65.0276, 26.4630**, and if you desaturate by 10%, it is **60.0276, 66.8688, 43.3701**.

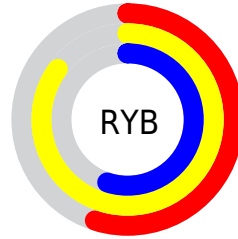
Distribution



Red (85%)

Green (85%)

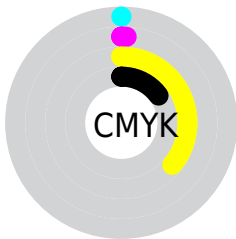
Blue (55%)



Red (55%)

Yellow (85%)

Blue (55%)

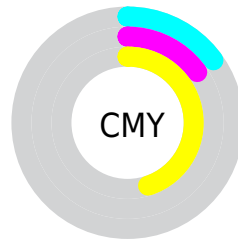


Cyan (0%)

Magenta (1%)

Yellow (36%)

Black (15%)



Cyan (15%)


Magenta (15%)


Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.1295, 65.8812, 34.0787 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 58.1295, 65.8812, 34.0787 by changing the saturation by 10% instead.

 58.1295, 65.8812,
34.0787

 58.1295, 65.8812,
34.0787


407.6144,
445.9519, 335.2627


 42.1564, 48.1760,
22.6762


 101.2333,
113.3158, 67.1913

 29.4154, 33.9663,
14.1516


 129.0947,
143.8140, 89.7386

 19.5412, 22.8677,
8.0862


 161.6497,
179.3452, 116.8378

 12.1683, 14.4958,
4.0616

199.2635,
220.2940, 148.9075

 6.9314, 8.4663,
1.6592

242.3015,
267.0447, 186.3664

 3.4652, 4.3948,
0.3325

291.1291,

 1.4043, 1.8967,

319.9816, 229.6328

0.0000

346.1116,
379.4892, 279.1254

■ 0.2593, 0.5464,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.1295, 65.8812,
34.0787

■ 58.1295, 65.8812,
34.0787

■ 56.5528, 65.0276,
26.4630

■ 60.0276, 66.8688,
43.3701

■ 55.2736, 64.2914,
20.4189


■ 62.2596, 67.9884,
54.4247


■ 54.2725, 63.6673,
15.8371


■ 64.8434, 69.2494,
67.3289


■ 53.5259, 63.1456,
12.5927


■ 67.7939, 70.6579,
82.1624


 53.0059, 62.7154,
10.5400


 71.1254, 72.2195,
98.9999


 52.6781, 62.3628,
9.4963

 72.3754, 72.9493,
104.8738

 52.5812, 62.2409,
9.2424

 72.5195, 73.2375,
104.9218

 72.6641, 73.5266,
104.9700

 72.8091, 73.8167,
105.0183

Harmonies

Analogous

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



66.9868, 65.8812, 33.9250



58.1295, 65.8812, 34.0787



51.1593, 65.8812, 42.5673

Triad

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



58.1295, 65.8812, 34.0787



51.3704, 65.8812, 112.8036



80.7258, 65.8812, 84.6731

Complementary

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



58.1295, 65.8812, 34.0787



32.8272, 29.5999, 70.3129

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.



75.6716, 65.8812, 111.8720



58.1295, 65.8812, 34.0787



58.4436, 65.8812, 130.5420

Square

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



58.1295, 65.8812, 34.0787



47.5169, 65.8812, 85.7315



67.3320, 65.8812, 130.1654



80.6213, 65.8812, 59.3485

Rectangle

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



58.1295, 65.8812, 34.0787



48.2742, 65.8812, 53.2882



67.3320, 65.8812, 130.1654



79.5544, 65.8812, 94.0085

Sweetspot

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



58.1311, 65.8842, 34.0801



90.6327, 97.8723, 86.7513



43.0016, 35.3134, 29.9977



19.2921, 20.8964, 18.0339



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.



58.1311, 65.8842, 34.0801



81.2611, 93.0816, 40.6134



48.8194, 61.8470, 33.7916



14.1326, 15.2045, 13.9155



31.5143, 37.3141, 5.5414



2.0508, 2.4356, 0.3620

Inverse Universe

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



32.8272, 29.5999, 70.3129



40.3973, 34.4885, 99.1355



39.7625, 32.7426, 70.5540



12.3649, 12.6696, 16.4459



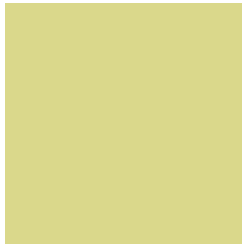
7.6291, 3.1277, 39.9400



0.5038, 0.2216, 2.5907

Previews

White Background



This preview shows how the XYZ color 58.1295, 65.8812, 34.0787 looks on a white background.

Color Contrast Check

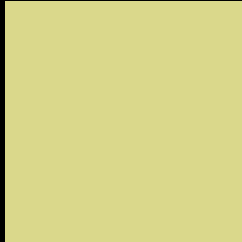
Large Text (above 18pt) WCAG AA × Fail

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 58.1295, 65.8812, 34.0787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

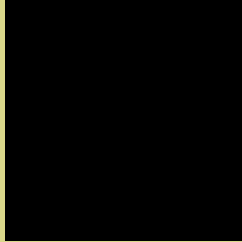
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.1295, 65.8812, 34.0787

Background



This preview shows how black text looks on a background with the XYZ color 58.1295, 65.8812, 34.0787.



This preview shows how white text looks on a background with the XYZ color 58.1295, 65.8812,

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

58.1295, 65.8812, 34.0787

Protanopia

60.6920, 65.7161, 33.1526

Deuteranopia

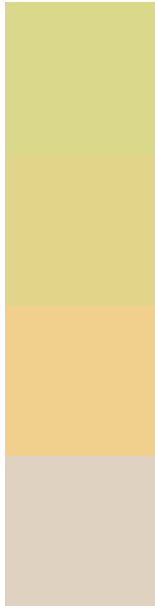
67.1115, 65.7357, 34.7423



Tritanopia

67.2510, 65.9105, 78.2847

Trichromacy



Original Color

58.1295, 65.8812, 34.0787

Protanomaly

59.7457, 65.5922, 33.5564

Deuteranomaly

63.6392, 65.7356, 34.5334

Tritanomaly

63.3015, 65.7463, 59.2231

Monochromacy



Original Color

58.1295, 65.8812, 34.0787

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

58.9929, 64.0045, 54.0446

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.1295, 65.8812, 34.0787 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(218, 216, 139)` looks like.

```
.text, #text, p{  
    color:rgb(218, 216, 139)  
}
```

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(218, 216, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 216, 139) }
```

Border

The CSS property to change the border of an element to XYZ 58.1295, 65.8812, 34.0787 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(218, 216, 139) }
```


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

```
.border{ border-color:rgb(218, 216, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 216, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 216, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 216, 139);  
box-shadow:4px 4px 4px 4px rgb(218, 216,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 58.1295, 65.8812, 34.0787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 216, 139) }
```

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

```
.background{ background-color: rgb(218,  
216, 139) }
```

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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