

Converting Colors

XYZ(51.5427, 51.3527, 33.2260)

Have a look what the booklet for
XYZ(51.5427, 51.3527, 33.2260)
contains.

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Color

**XYZ(51.6136, 51.4798,
33.2029)**

Conversions

Conversions Part 1

Format	Color
Hex	DCB88F
RGB	220, 184, 143
RGB Percent	86%, 72%, 56%
CMY	0.1373, 0.2784, 0.4392
CMYK	0.00, 0.16, 0.35, 0.14
HSL	32°, 52%, 71%
HSV	32°, 35%, 86%
XYZ	51.6136, 51.4798, 33.2029
YIQ	190.0900, 34.6170, -5.1190

Conversions

Conversions Part 2

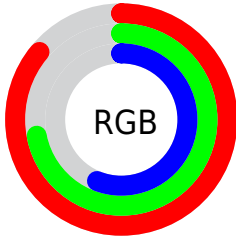
Format	Color
R _Y B	211, 220, 143
Decimal	14465167
CIE Lab	76.97, 7.20, 25.67
CIE LCh	77, 26.663, 74.342
Yxy	51.4798, 0.3787, 0.3777
Android (android.graphics.Color)	4292655247 (0xFFDCB88F)
YUV	190.0900, -23.2154, 26.2311
Hunter-Lab	71.7494, 2.8441, 22.7874

Details

The XYZ color **51.6136, 51.4798, 33.2029** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **40.3656, 43.2457, 73.9299**, and the grayscale version is **49.1121, 51.6697, 56.2683**.

A 20% lighter version of the original color is **82.4781, 87.6114, 65.3870**, and **25.3579, 24.8978, 13.5945** is the 20% darker color. If you saturate the color by 10%, you get **48.0488, 46.7607, 24.5830**, and if you desaturate by 10%, it is **55.6633, 56.6451, 43.5980**.

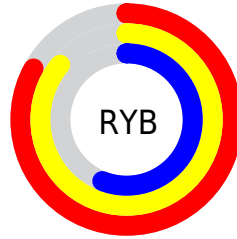
Distribution



Red (86%)

Green (72%)

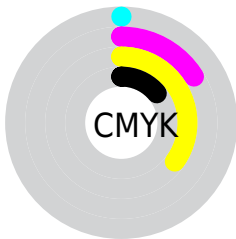
Blue (56%)



Red (83%)

Yellow (86%)

Blue (56%)

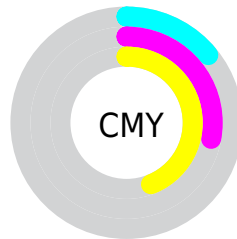


Cyan (0%)

Magenta (16%)

Yellow (35%)

Black (14%)



Cyan (14%)


Magenta (28%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.6136, 51.4798, 33.2029 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 51.6136, 51.4798, 33.2029 by changing the saturation by 10% instead.


 51.6136, 51.4798,
33.2029


 51.6136, 51.4798,
33.2029


383.2916,
392.4250, 331.2230

 36.9202, 36.5906,
22.0095


 91.7387, 92.3636,
65.8118

 25.3191, 24.8907,
13.6655


 117.9012,
119.1270, 88.0645

 16.4450, 15.9956,
7.7523

148.6174,
150.6172, 114.8406

 9.9324, 9.5211,
3.8514

184.2526,
187.2187, 146.5589

 5.4161, 5.0826,
1.5442

225.1723,
229.3159, 183.6377

 2.5306, 2.2958,
0.2505

271.7418,

 0.9107, 0.7715,

277.2930, 226.4956

0.0000

324.3264,
331.5346, 275.5512

0.0000, 0.0000,
0.0000

51.6136, 51.4798,
33.2029

51.6136, 51.4798,
33.2029

48.0488, 46.7607,
24.5830

55.6633, 56.6451,
43.5980

44.9423, 42.4664,
17.6329

60.2146, 62.2628,
55.8590

42.2710, 38.5840,
12.2410

65.2885, 68.3481,
70.0742

40.0075, 35.0969,
8.2804

70.9031, 74.9130,
86.3252

38.1204, 31.9868,
5.6039

77.0759, 81.9692,
104.6893

■ 36.5720, 29.2326,
4.0316

■ 80.4333, 88.1718,
107.3873

■ 35.8948, 27.9748,
3.5078

■ 83.3252, 93.9556,
108.3513

Harmonies

Analogous

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



56.2527, 51.4798, 38.6873



51.6136, 51.4798, 33.2029



46.5503, 51.4798, 33.0858

Triad

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



51.6136, 51.4798, 33.2029



40.0645, 51.4798, 63.2710



56.0788, 51.4798, 78.5314

Complementary

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



51.6136, 51.4798, 33.2029



40.3656, 43.2457, 73.9299

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.



51.3895, 51.4798, 87.7542



51.6136, 51.4798, 33.2029



42.2721, 51.4798, 77.9642

Square

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



51.6136, 51.4798, 33.2029



40.1153, 51.4798, 48.8374



46.3411, 51.4798, 87.5303



58.9497, 51.4798, 63.9460

Rectangle

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



51.6136, 51.4798, 33.2029



43.6244, 51.4798, 35.9841



46.3411, 51.4798, 87.5303



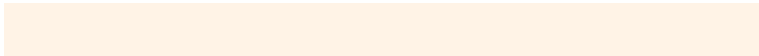
54.6492, 51.4798, 82.4655

Sweetspot

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



51.6149, 51.4822, 33.2040



87.5272, 91.0939, 87.4650



47.5983, 38.1652, 48.1542



18.5212, 19.2416, 18.1255



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.



51.6149, 51.4822, 33.2040



68.3929, 67.0261, 37.3081



59.6795, 68.1858, 36.0030



13.6273, 14.1939, 13.7470



21.1789, 16.6434, 2.0962



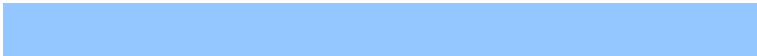
1.4581, 1.2502, 0.1645

Inverse Universe

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



40.3656, 43.2457, 73.9299



50.4310, 53.8792, 102.3495



34.2924, 30.7677, 71.8415



12.8380, 13.6157, 16.6036



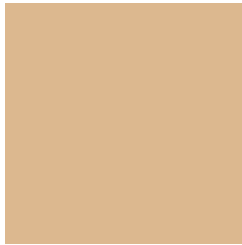
10.5284, 8.9263, 40.9064



0.7678, 0.7497, 2.6787

Previews

White Background



This preview shows how the XYZ color 51.6136, 51.4798, 33.2029 looks on a white background.

Color Contrast Check

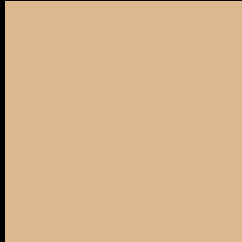
Large Text (above 18pt) WCAG AA × Fail

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 51.6136, 51.4798, 33.2029 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

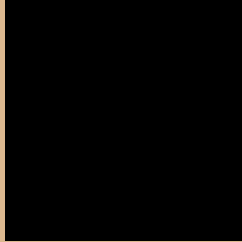
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.6136, 51.4798, 33.2029

Background



This preview shows how black text looks on a background with the XYZ color 51.6136, 51.4798, 33.2029.



This preview shows how white text looks on a background with the XYZ color 51.6136, 51.4798,

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

51.6136, 51.4798, 33.2029

Protanopia

48.2304, 51.5987, 34.6117

Deuteranopia

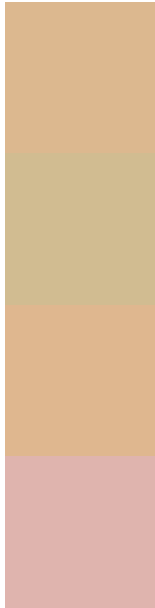
52.4263, 51.2864, 33.1227



Tritanopia

56.1774, 51.2134, 56.2145

Trichromacy



Original Color

51.6136, 51.4798, 33.2029

Protanomaly

49.3885, 51.5661, 34.1383

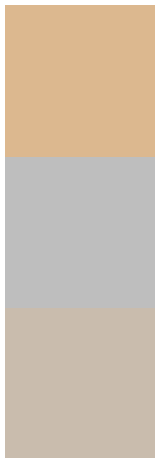
Deuteranomaly

52.3228, 51.5381, 33.1767

Tritanomaly

54.3927, 51.3865, 47.0962

Monochromacy



Original Color

51.6136, 51.4798, 33.2029

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

49.6134, 51.4011, 46.8417

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.6136, 51.4798, 33.2029 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(220, 184, 143)` looks like.

```
.text, #text, p{  
    color:rgb(220, 184, 143)  
}
```

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(220, 184, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 184, 143) }
```

Border

The CSS property to change the border of an element to XYZ 51.6136, 51.4798, 33.2029 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(220, 184, 143) }
```


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

```
.border{ border-color:rgb(220, 184, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 184, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 184, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 184, 143);  
box-shadow:4px 4px 4px 4px rgb(220, 184,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 51.6136, 51.4798, 33.2029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 184, 143) }
```

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

```
.background{ background-color: rgb(220,  
184, 143) }
```

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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