

Converting Colors

XYZ(51.1128, 52.5094, 32.6590)

Have a look what the booklet for
XYZ(51.1128, 52.5094, 32.6590)
contains.

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Color

**XYZ(51.1098, 52.4885,
32.6368)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | D8BC8D |
| RGB | 216, 188, 141 |
| RGB Percent | 85%, 74%, 55% |
| CMY | 0.1529, 0.2627, 0.4471 |
| CMYK | 0.00, 0.13, 0.35, 0.15 |
| HSL | 38°, 49%, 70% |
| HSV | 38°, 35%, 85% |
| XYZ | 51.1098, 52.4885, 32.6368 |
| YIQ | 191.0140, 31.7750, -8.6810 |

Conversions

Conversions Part 2

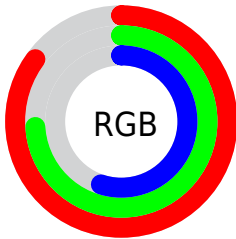
| Format | Color |
|-------------------------------------|--------------------------------|
| R _{YB} | 186, 216, 141 |
| Decimal | 14204045 |
| CIE Lab | 77.57, 3.26, 27.48 |
| CIE LCh | 78, 27.676, 83.227 |
| Yxy | 52.4885, 0.3752, 0.3853 |
| Android (android.graphics.Color) | 4292394125 (0xFFD8BC8D) |
| YUV | 191.0140, -24.6569, 21.9127 |
| Hunter-Lab | 72.4489, -0.8611, 24.0053 |

Details

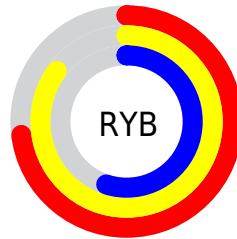
The XYZ color **51.1098, 52.4885, 32.6368** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.5666, 38.9951, 70.5124**, and the grayscale version is **49.6561, 52.2421, 56.8916**.

A 20% lighter version of the original color is **83.4410, 89.9015, 64.5847**, and **25.0066, 25.5397, 13.2845** is the 20% darker color. If you saturate the color by 10%, you get **47.9826, 48.5601, 24.4236**, and if you desaturate by 10%, it is **54.6494, 56.7396, 42.5350**.

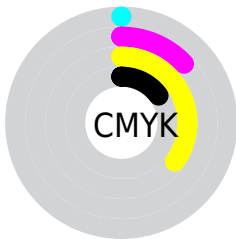
Distribution



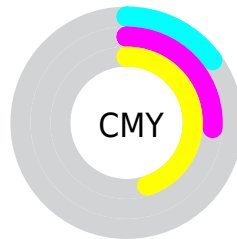
- Red (85%)
- Green (74%)
- Blue (55%)



- Red (73%)
- Yellow (85%)
- Blue (55%)



- Cyan (0%)
- Magenta (13%)
- Yellow (35%)
- Black (15%)





- Cyan (15%)
- Magenta (26%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.1098, 52.4885, 32.6368 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 51.1098, 52.4885, 32.6368 by changing the saturation by 10% instead.


 51.1098, 52.4885,
32.6368

 51.1098, 52.4885,
32.6368


381.3709,
396.3196, 328.5916


 36.5174, 37.3946,
21.5795


 90.9991, 93.8513,
64.9175

 25.0060, 25.5132,
13.3529


 117.0267,
120.8889, 86.9781

 16.2103, 16.4598,
7.5384


 147.5967,
152.6766, 113.5434

 9.7649, 9.8501,
3.7175

183.0745,
189.5988, 145.0322

 5.3044, 5.2997,
1.4717

223.8255,
232.0398, 181.8628

 2.4635, 2.4241,
0.1967

270.2150,

 0.8769, 0.8383,

280.3839, 224.4539

0.0000

322.6083,
335.0158, 273.2240

■ 0.0000, 0.0000,
0.0000

■ 51.1098, 52.4885,
32.6368

■ 51.1098, 52.4885,
32.6368

■ 47.9826, 48.5601,
24.4236

■ 54.6494, 56.7396,
42.5350

■ 45.2439, 44.9367,
17.7953

■ 58.6157, 61.3159,
54.2041

■ 42.8733, 41.6094,
12.6461


■ 63.0271, 66.2291,
67.7279

■ 40.8464, 38.5660,
8.8557


■ 67.8998, 71.4879,
83.1838


■ 39.1352, 35.7924,
6.2850

■ 73.2490, 77.1006,
100.6451

 37.7058, 33.2725,
4.7639

 76.4740, 82.0292,
106.4104

 37.0352, 32.0317,
4.2308

 78.8530, 86.7873,
107.2034

 81.3383, 91.7577,
108.0318

 82.1288, 93.3389,
108.2953

Harmonies

Analogous

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



56.2929, 52.4885, 36.6804



51.1098, 52.4885, 32.6368



45.9472, 52.4885, 34.1594

Triad

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



51.1098, 52.4885, 32.6368



41.0337, 52.4885, 69.5530



58.5756, 52.4885, 76.6289

Complementary

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



51.1098, 52.4885, 32.6368



37.5666, 38.9951, 70.5124

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.



54.0495, 52.4885, 88.6645



51.1098, 52.4885, 32.6368



43.9897, 52.4885, 84.0965

Square

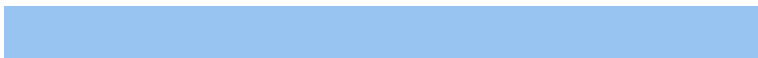
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



51.1098, 52.4885, 32.6368



40.3696, 52.4885, 53.7519



48.6873, 52.4885, 91.6163



60.7978, 52.4885, 60.6906

Rectangle

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



51.1098, 52.4885, 32.6368



43.1803, 52.4885, 38.2870



48.6873, 52.4885, 91.6163



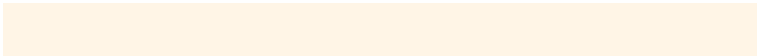
57.2583, 52.4885, 81.3729

Sweetspot

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



51.1111, 52.4909, 32.6379



88.2511, 92.5418, 87.7063



45.0761, 36.5420, 42.5844



18.6965, 19.5921, 18.1839



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.



51.1111, 52.4909, 32.6379



70.8838, 72.0078, 38.1384



55.1657, 64.3362, 34.7106



13.0652, 13.7046, 13.1174



22.0277, 19.1727, 2.5397



1.4068, 1.3128, 0.1793

Inverse Universe

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



37.5666, 38.9951, 70.5124



48.2015, 49.4203, 101.6063



34.4518, 30.4686, 69.0308



12.1186, 12.7605, 15.7618



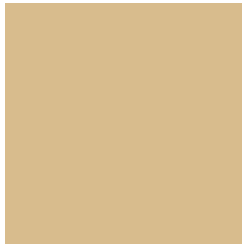
9.1570, 6.5757, 39.2398



0.6305, 0.5530, 2.3928

Previews

White Background



This preview shows how the XYZ color 51.1098, 52.4885, 32.6368 looks on a white background.

Color Contrast Check

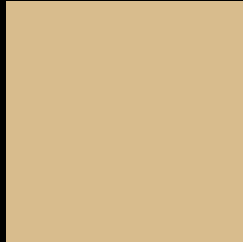
Large Text (above 18pt) WCAG AA × Fail

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 51.1098, 52.4885, 32.6368 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 51.1098, 52.4885, 32.6368

Background



This preview shows how black text looks on a background with the XYZ color 51.1098, 52.4885, 32.6368.



This preview shows how white text looks on a background with the XYZ color 51.1098, 52.4885,

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

51.1098, 52.4885, 32.6368

Protanopia

49.2612, 52.8043, 33.5825

Deuteranopia

53.7015, 52.5649, 32.9068



Tritanopia

56.4984, 52.5175, 58.7889

Trichromacy



Original Color

51.1098, 52.4885, 32.6368

Protanomaly

50.0916, 52.9162, 33.1649

Deuteranomaly

52.6629, 52.3389, 32.9180

Tritanomaly

54.3936, 52.5918, 47.8418

Monochromacy



Original Color

51.1098, 52.4885, 32.6368

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

49.7757, 52.1234, 46.9725

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.1098, 52.4885, 32.6368 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(216, 188, 141)` looks like.

```
.text, #text, p{  
    color:rgb(216, 188, 141)  
}
```

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(216, 188, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 188, 141) }
```

Border

The CSS property to change the border of an element to XYZ 51.1098, 52.4885, 32.6368 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(216, 188, 141) }
```


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

```
.border{ border-color:rgb(216, 188, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 188, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 188, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 188, 141);  
box-shadow:4px 4px 4px 4px rgb(216, 188,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 51.1098, 52.4885, 32.6368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 188, 141) }
```

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

```
.background{ background-color: rgb(216,  
188, 141) }
```

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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