

Converting Colors

XYZ(50.2957, 51.5179, 36.9801)

Have a look what the booklet for
XYZ(50.2957, 51.5179, 36.9801)
contains.

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Color

**XYZ(50.3018, 51.6565,
37.0253)**

Conversions

Conversions Part 1

Format	Color
Hex	D3BB98
RGB	211, 187, 152
RGB Percent	83%, 73%, 60%
CMY	0.1725, 0.2666, 0.4039
CMYK	0.00, 0.11, 0.28, 0.17
HSL	36°, 40%, 71%
HSV	36°, 28%, 83%
XYZ	50.3018, 51.6565, 37.0253
YIQ	190.1860, 25.5390, -5.7970

Conversions

Conversions Part 2

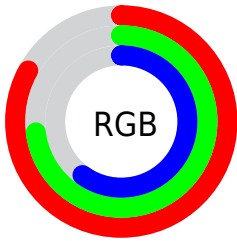
Format	Color
R_{YB}	192, 211, 152
Decimal	13876120
CIE _{Lab}	77.07, 3.25, 20.88
CIE _{LCh}	77, 21.129, 81.145
Yxy	51.6565, 0.3619, 0.3717
Android (android.graphics.Color)	4292066200 (0xFFD3BB98)
YUV	190.1860, -18.8257, 18.2539
Hunter-Lab	71.8725, -0.8490, 19.7673

Details

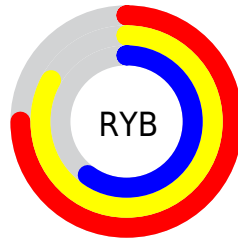
The XYZ color **50.3018, 51.6565, 37.0253** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.2318, 42.4281, 67.6973**, and the grayscale version is **49.1466, 51.7061, 56.3079**.

A 20% lighter version of the original color is **84.4312, 89.8174, 71.2790**, and **24.5844, 25.0577, 15.8528** is the 20% darker color. If you saturate the color by 10%, you get **46.9590, 47.4946, 28.1302**, and if you desaturate by 10%, it is **54.0636, 56.1637, 47.5780**.

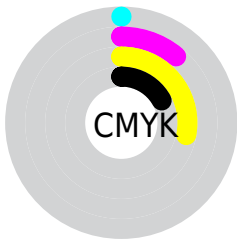
Distribution



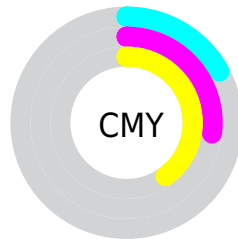
- Red (83%)
- Green (73%)
- Blue (60%)



- Red (75%)
- Yellow (83%)
- Blue (60%)



- Cyan (0%)
- Magenta (11%)
- Yellow (28%)
- Black (17%)





- Cyan (17%)
- Magenta (27%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.3018, 51.6565, 37.0253 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 50.3018, 51.6565, 37.0253 by changing the saturation by 10% instead.

 50.3018, 51.6565,
37.0253


 50.3018, 51.6565,
37.0253


378.2775,
393.1091, 348.5920

 35.8720, 36.7313,
24.9311


 89.8110, 92.6245,
71.7985

 24.5050, 24.9996,
15.8072


 115.6212,
119.4360, 95.3145

 15.8354, 16.0767,
9.2350

145.9556,
150.9786, 123.4750

 9.4979, 9.5785,
4.7958

181.1794,
187.6364, 156.6984

 5.1270, 5.1204,
2.0713

221.6582,
229.7940, 195.4032

 2.3575, 2.3181,
0.5986

267.7573,

 0.8238, 0.7832,

277.8357, 240.0081

0.0000

319.8419,
332.1459, 290.9315

■ 0.0000, 0.0000,
0.0000

■ 50.3018, 51.6565,
37.0253

■ 50.3018, 51.6565,
37.0253

■ 46.9590, 47.4946,
28.1302

■ 54.0636, 56.1637,
47.5780

■ 44.0129, 43.6607,
20.8029

■ 58.2572, 61.0188,
59.8651

■ 41.4452, 40.1461,
14.9502

■ 62.9000, 66.2335,
73.9626

■ 39.2341, 36.9390,
10.4674

■ 68.0069, 71.8165,
89.9409

■ 37.3552, 34.0263,
7.2358

■ 73.1866, 77.6141,
105.7314

■ 35.7801, 31.3932,
5.1162

■ 75.6327, 82.5063,
106.5468

■ 34.4686, 29.0202,
3.9083

■ 78.1980, 87.6369,
107.4019

■ 34.2212, 28.5631,
3.7096

■ 80.6741, 92.5889,
108.2272

Harmonies

Analogous

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



54.1272, 51.6565, 40.6575



50.3018, 51.6565, 37.0253



46.3525, 51.6565, 37.9647

Triad

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



50.3018, 51.6565, 37.0253



42.2124, 51.6565, 64.6460



55.3901, 51.6565, 71.3658

Complementary

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



50.3018, 51.6565, 37.0253



40.2318, 42.4281, 67.6973

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.



51.9498, 51.6565, 79.6147



50.3018, 51.6565, 37.0253



44.3903, 51.6565, 75.3806

Square

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



50.3018, 51.6565, 37.0253



41.8250, 51.6565, 52.8941



47.9135, 51.6565, 81.1767



57.1687, 51.6565, 59.7349

Rectangle

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



50.3018, 51.6565, 37.0253



44.1687, 51.6565, 41.1189



47.9135, 51.6565, 81.1767



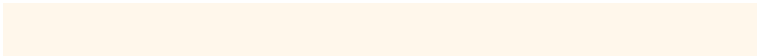
54.3810, 51.6565, 74.6890

Sweetspot

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



50.3031, 51.6589, 37.0264



89.3477, 93.5752, 91.6473



45.9870, 39.4637, 46.5716



18.9054, 19.7790, 18.9656



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.



50.3031, 51.6589, 37.0264



73.8605, 75.1476, 47.8046



54.4389, 61.9896, 38.8024



12.3834, 12.9575, 12.4604



20.7553, 17.4436, 2.2730



1.2374, 1.1291, 0.1527

Inverse Universe

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



40.2318, 42.4281, 67.6973



55.7512, 58.5553, 102.9717



36.8751, 34.3201, 66.3092



11.5528, 12.1959, 14.9888



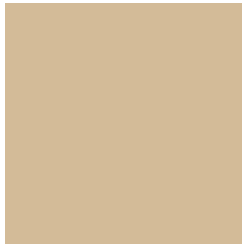
9.1902, 7.0271, 38.0645



0.5910, 0.5471, 2.1540

Previews

White Background



This preview shows how the XYZ color 50.3018, 51.6565, 37.0253 looks on a white background.

Color Contrast Check

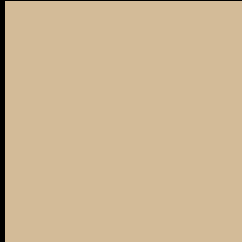
Large Text (above 18pt) WCAG AA × Fail

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 50.3018, 51.6565, 37.0253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

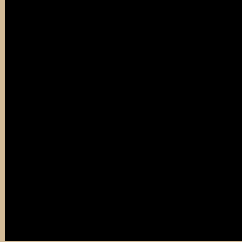
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.3018, 51.6565, 37.0253

Background



This preview shows how black text looks on a background with the XYZ color 50.3018, 51.6565, 37.0253.



This preview shows how white text looks on a background with the XYZ color 50.3018, 51.6565,

37.0253.

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

50.3018, 51.6565, 37.0253

Protanopia

48.5203, 51.6834, 37.5556

Deuteranopia

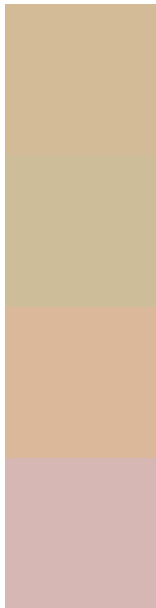
52.8075, 51.6965, 37.3322



Tritanopia

54.6931, 51.5868, 58.7044

Trichromacy



Original Color

50.3018, 51.6565, 37.0253

Protanomaly

49.1242, 51.6742, 37.5220

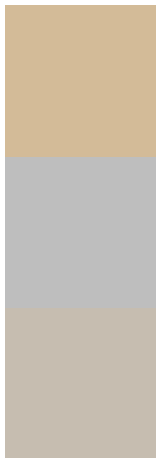
Deuteranomaly

51.8037, 51.4863, 37.3445

Tritanomaly

52.8017, 51.4178, 49.7895

Monochromacy



Original Color

50.3018, 51.6565, 37.0253

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

49.3228, 51.5355, 48.4221

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.3018, 51.6565, 37.0253 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(211, 187, 152)` looks like.

```
.text, #text, p{  
    color:rgb(211, 187, 152)  
}
```

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(211, 187, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 187, 152) }
```

Border

The CSS property to change the border of an element to XYZ 50.3018, 51.6565, 37.0253 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(211, 187, 152) }
```


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

```
.border{ border-color:rgb(211, 187, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 187, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 187, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 187, 152);  
box-shadow:4px 4px 4px 4px rgb(211, 187,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 50.3018, 51.6565, 37.0253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 187, 152) }
```

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

```
.background{ background-color: rgb(211,  
187, 152) }
```

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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