

Converting Colors

XYZ(51.6433, 51.6018, 30.2814)

Have a look what the booklet for
XYZ(51.6433, 51.6018, 30.2814)
contains.

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Color

**XYZ(51.6379, 51.5598,
30.1521)**

Conversions

Conversions Part 1

Format	Color
Hex	DEB887
RGB	222, 184, 135
RGB Percent	87%, 72%, 53%
CMY	0.1294, 0.2784, 0.4706
CMYK	0.00, 0.17, 0.39, 0.13
HSL	34°, 57%, 70%
HSV	34°, 39%, 87%
XYZ	51.6379, 51.5598, 30.1521
YIQ	189.7760, 38.3770, -7.1830

Conversions

Conversions Part 2

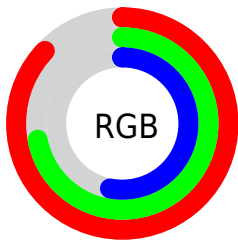
Format	Color
R_{YB}	202, 222, 135
Decimal	14596231
CIE _{Lab}	77.02, 7.05, 30.01
CIE _{LCh}	77, 30.830, 76.776
Yxy	51.5598, 0.3872, 0.3867
Android (android.graphics.Color)	4292786311 (0xFFDEB887)
YUV	189.7760, -27.0046, 28.2604
Hunter-Lab	71.8052, 2.7073, 25.3668

Details

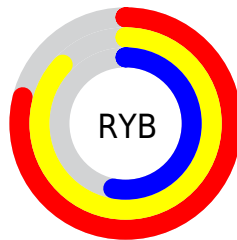
The XYZ color **51.6379, 51.5598, 30.1521** is a light color, and the websafe version is hex **FFCC99**, and the color name is **burlywood**. A complement of this color would be **38.1197, 40.3108, 74.8790**, and the grayscale version is **48.9507, 51.4999, 56.0834**.

A 20% lighter version of the original color is **81.5854, 87.2543, 60.6859**, and **25.2730, 24.8878, 12.0661** is the 20% darker color. If you saturate the color by 10%, you get **48.2898, 47.1095, 22.1122**, and if you desaturate by 10%, it is **55.4526, 56.4214, 39.9564**.

Distribution



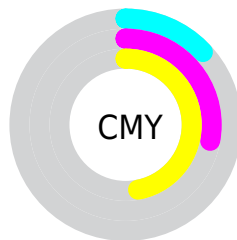
- Red (87%)
- Green (72%)
- Blue (53%)



- Red (79%)
- Yellow (87%)
- Blue (53%)



- Cyan (0%)
- Magenta (17%)
- Yellow (39%)
- Black (13%)





- Cyan (13%)
- Magenta (28%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.6379, 51.5598, 30.1521 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 51.6379, 51.5598, 30.1521 by changing the saturation by 10% instead.


 51.6379, 51.5598,
30.1521

 51.6379, 51.5598,
30.1521


383.3841,
392.7348, 316.8421


 36.9396, 36.6543,
19.7010


 91.7744, 92.4817,
60.9665

 25.3342, 24.9400,
11.9960


 117.9433,
119.2669, 82.1669

 16.4563, 16.0323,
6.6184


 148.6665,
150.7809, 107.7875

 9.9405, 9.5470,
3.1498

184.3094,
187.4079, 138.2468

 5.4215, 5.0997,
1.1716

225.2372,
229.5324, 173.9634

 2.5339, 2.3059,
0.0000

271.8153,

 0.9124, 0.7768,

277.5388, 215.3557

0.0000

324.4092,
331.8115, 262.8425

0.0000, 0.0000,
0.0000

51.6379, 51.5598,
30.1521

51.6379, 51.5598,
30.1521

48.2898, 47.1095,
22.1122

55.4526, 56.4214,
39.9564

45.3812, 43.0496,
15.7252

59.7513, 61.6999,
51.6212

42.8879, 39.3678,
10.8716

64.5551, 67.4097,
65.2392

40.7811, 36.0478,
7.4142

69.8827, 73.5623,
80.8959

39.0271, 33.0714,
5.1907

75.7517, 80.1688,
98.6719

■ 37.5737, 30.4127,
3.9416

■ 79.9793, 86.3598,
107.0615

■ 37.4638, 30.2086,
3.8563

■ 82.9448, 92.2908,
108.0500

■ 83.9343, 94.2696,
108.3798

Harmonies

Analogous

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



57.1632, 51.5598, 35.6981



51.6379, 51.5598, 30.1521



45.8149, 51.5598, 30.4966

Triad

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



51.6379, 51.5598, 30.1521



38.9595, 51.5598, 66.0129



57.7140, 51.5598, 81.3604

Complementary

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



51.6379, 51.5598, 30.1521



38.1197, 40.3108, 74.8790

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.



52.3420, 51.5598, 93.1941



51.6379, 51.5598, 30.1521



41.6644, 51.5598, 83.1913

Square

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



51.6379, 51.5598, 30.1521



38.8041, 51.5598, 49.0544



46.4652, 51.5598, 93.9243



60.8556, 51.5598, 63.8767

Rectangle

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



51.6379, 51.5598, 30.1521



42.5447, 51.5598, 33.9950



46.4652, 51.5598, 93.9243



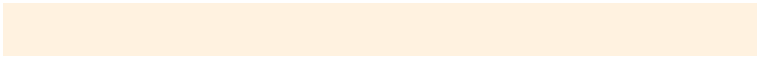
56.0906, 51.5598, 86.2711

Sweetspot

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



51.6392, 51.5622, 30.1531



86.3928, 89.9514, 83.6147



46.4432, 35.9200, 44.6071



18.3035, 19.0306, 17.3607



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.



51.6392, 51.5622, 30.1531



66.8990, 65.5641, 32.1063



59.3036, 68.8435, 33.0848



14.3446, 14.9751, 14.4412



22.3652, 18.1684, 2.3281



1.6389, 1.4366, 0.1909

Inverse Universe

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



38.1197, 40.3108, 74.8790



45.9407, 48.1331, 101.4770



32.5553, 28.1217, 72.8195



13.4421, 14.2232, 17.4246



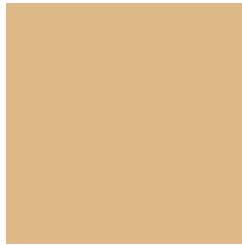
10.4744, 8.4183, 42.1212



0.8139, 0.7593, 2.9489

Previews

White Background



This preview shows how the XYZ color 51.6379, 51.5598, 30.1521 looks on a white background.

Color Contrast Check

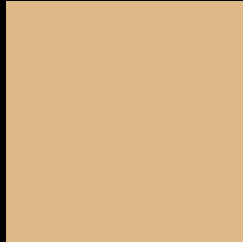
Large Text (above 18pt) WCAG AA × Fail

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 51.6379, 51.5598, 30.1521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

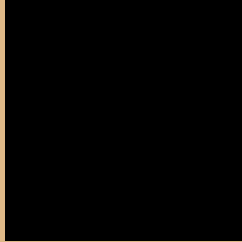
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.6379, 51.5598, 30.1521

Background



This preview shows how black text looks on a background with the XYZ color 51.6379, 51.5598, 30.1521.



This preview shows how white text looks on a background with the XYZ color 51.6379, 51.5598,

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

51.6379, 51.5598, 30.1521

Protanopia

48.1777, 51.6410, 31.4732

Deuteranopia

52.4652, 51.3739, 30.0726



Tritanopia

57.0113, 51.6560, 55.6810

Trichromacy



Original Color

51.6379, 51.5598, 30.1521

Protanomaly

49.3625, 51.6215, 31.0292

Deuteranomaly

52.3580, 51.6238, 30.1265

Tritanomaly

54.9410, 51.7135, 45.1162

Monochromacy



Original Color

51.6379, 51.5598, 30.1521

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

49.5960, 51.4253, 45.3423

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.6379, 51.5598, 30.1521 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(222, 184, 135)` looks like.

```
.text, #text, p{  
    color:rgb(222, 184, 135)  
}
```

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(222, 184, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 184, 135) }
```

Border

The CSS property to change the border of an element to XYZ 51.6379, 51.5598, 30.1521 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(222, 184, 135) }
```


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

```
.border{ border-color:rgb(222, 184, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 184, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 184, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 184, 135);  
box-shadow:4px 4px 4px 4px rgb(222, 184,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 51.6379, 51.5598, 30.1521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 184, 135) }
```

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

```
.background{ background-color: rgb(222,  
184, 135) }
```

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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