

Converting Colors

XYZ(51.0460, 50.1152, 29.6126)

Have a look what the booklet for
XYZ(51.0460, 50.1152, 29.6126)
contains.

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Color

**XYZ(51.0558, 50.0517,
29.5243)**

Conversions

Conversions Part 1

Format	Color
Hex	DFB486
RGB	223, 180, 134
RGB Percent	87%, 71%, 53%
CMY	0.1255, 0.2941, 0.4745
CMYK	0.00, 0.19, 0.40, 0.13
HSL	31°, 58%, 70%
HSV	31°, 40%, 87%
XYZ	51.0558, 50.0517, 29.5243
YIQ	187.6130, 40.3940, -5.1900

Conversions

Conversions Part 2

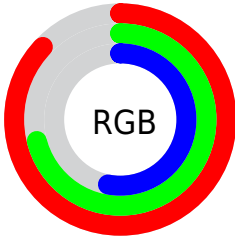
Format	Color
R _Y B	217, 223, 134
Decimal	14660742
CIE Lab	76.10, 9.46, 29.34
CIE LCh	76, 30.832, 72.129
Yxy	50.0517, 0.3908, 0.3832
Android (android.graphics.Color)	4292850822 (0xFFDFB486)
YUV	187.6130, -26.4312, 31.0344
Hunter-Lab	70.7472, 5.0096, 24.7801

Details

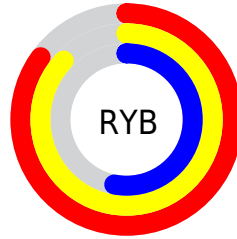
The XYZ color **51.0558, 50.0517, 29.5243** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **38.8725, 41.8390, 75.8391**, and the grayscale version is **47.7106, 50.1952, 54.6626**.

A 20% lighter version of the original color is **80.3126, 84.8817, 59.7278**, and **24.9155, 23.9258, 11.6925** is the 20% darker color. If you saturate the color by 10%, you get **47.5708, 45.3138, 21.4815**, and if you desaturate by 10%, it is **55.0404, 55.2636, 39.3527**.

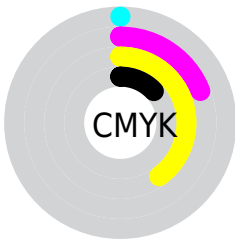
Distribution



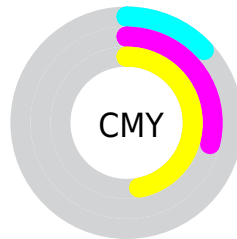
- Red (87%)
- Green (71%)
- Blue (53%)



- Red (85%)
- Yellow (87%)
- Blue (53%)



- Cyan (0%)
- Magenta (19%)
- Yellow (40%)
- Black (13%)





- Cyan (13%)
- Magenta (29%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.0558, 50.0517, 29.5243 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 51.0558, 50.0517, 29.5243 by changing the saturation by 10% instead.


 51.0558, 50.0517,
29.5243


 51.0558, 50.0517,
29.5243


381.1646,
386.8681, 313.8188


 36.4742, 35.4545,
19.2288


 90.9197, 90.2515,
59.9612

 24.9725, 24.0132,
11.6573


 116.9328,
116.6228, 80.9396

 16.1852, 15.3434,
6.3911


 147.4872,
147.6877, 106.3161

 9.7470, 9.0607,
3.0117

182.9481,
183.8304, 136.5093

 5.2925, 4.7808,
1.1006

223.6809,
225.4354, 171.9376

 2.4564, 2.1192,
0.0000

270.0511,

 0.8733, 0.6754,

272.8871, 213.0196

0.0000

322.4238,
326.5699, 260.1738

■ 0.0000, 0.0000,
0.0000

■ 51.0558, 50.0517,
29.5243

■ 51.0558, 50.0517,
29.5243

■ 47.5708, 45.3138,
21.4815

■ 55.0404, 55.2636,
39.3527

■ 44.5570, 41.0269,
15.1105

■ 59.5434, 60.9575,
51.0647

■ 41.9885, 37.1761,
10.2889

■ 64.5872, 67.1498,
64.7549

■ 39.8347, 33.7427,
6.8761

■ 70.1917, 73.8541,
80.5106

■ 38.0600, 30.7056,
4.7055

■ 76.3756, 81.0832,
98.4136

■ 36.6053, 28.0339,
3.4876

■ 81.0261, 87.9973,
107.3224

■ 36.5931, 28.0112,
3.4780

■ 84.2415, 94.4280,
108.3942

Harmonies

Analogous

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



56.2757, 50.0517, 35.8566



51.0558, 50.0517, 29.5243



45.2815, 50.0517, 28.9807

Triad

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



51.0558, 50.0517, 29.5243



37.5379, 50.0517, 61.4436



55.4021, 50.0517, 81.5934

Complementary

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



51.0558, 50.0517, 29.5243



38.8725, 41.8390, 75.8391

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.



49.9398, 50.0517, 91.7978



51.0558, 50.0517, 29.5243



39.8166, 50.0517, 78.6859

Square

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



51.0558, 50.0517, 29.5243



37.7838, 50.0517, 45.3252



44.2516, 50.0517, 90.6376



58.9211, 50.0517, 64.8312

Rectangle

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



51.0558, 50.0517, 29.5243



41.9179, 50.0517, 31.7930



44.2516, 50.0517, 90.6376



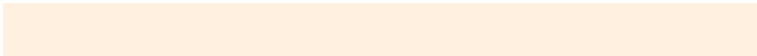
53.7144, 50.0517, 86.0431

Sweetspot

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



51.0571, 50.0541, 29.5253



85.9730, 89.1118, 83.4748



46.8944, 35.9137, 46.0646



18.2047, 18.8330, 17.3278



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.



51.0571, 50.0541, 29.5253



65.1565, 62.3634, 30.6489



60.6673, 69.9501, 32.8591



14.2903, 14.8666, 14.4231



21.6300, 16.6979, 2.0830



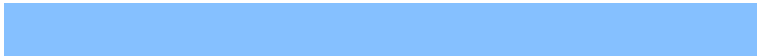
1.5888, 1.3365, 0.1742

Inverse Universe

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



38.8725, 41.8390, 75.8391



46.4504, 49.7551, 101.7632



31.9146, 27.5696, 73.4515



13.4958, 14.3306, 17.4425



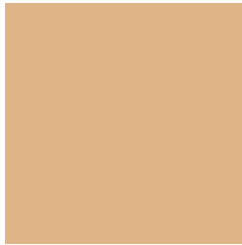
11.0800, 9.6297, 42.3231



0.8574, 0.8462, 2.9634

Previews

White Background



This preview shows how the XYZ color 51.0558, 50.0517, 29.5243 looks on a white background.

Color Contrast Check

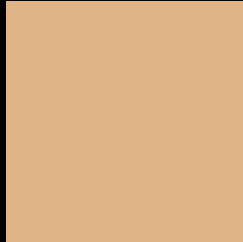
Large Text (above 18pt) WCAG AA × Fail

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 51.0558, 50.0517, 29.5243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

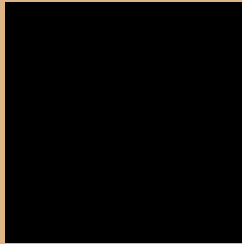
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.0558, 50.0517, 29.5243

Background



This preview shows how black text looks on a background with the XYZ color 51.0558, 50.0517, 29.5243.

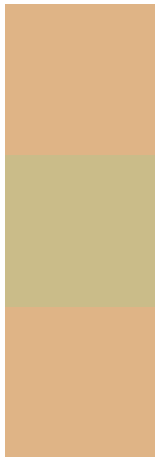


This preview shows how white text looks on a background with the XYZ color 51.0558, 50.0517,

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

51.0558, 50.0517, 29.5243

Protanopia

46.8557, 50.3291, 30.9118

Deuteranopia

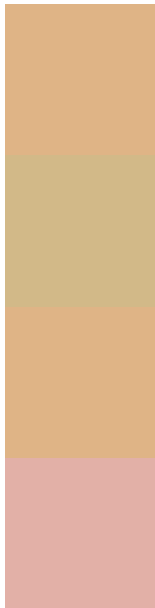
51.0558, 50.0517, 29.5243



Tritanopia

55.8014, 49.9263, 53.1501

Trichromacy



Original Color

51.0558, 50.0517, 29.5243

Protanomaly

48.3712, 50.1771, 30.4283

Deuteranomaly

51.0558, 50.0517, 29.5243

Tritanomaly

53.8644, 50.0094, 43.3730

Monochromacy



Original Color

51.0558, 50.0517, 29.5243

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

48.5042, 49.9426, 44.1292

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.0558, 50.0517, 29.5243 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(223, 180, 134)` looks like.

```
.text, #text, p{  
    color:rgb(223, 180, 134)  
}
```

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(223, 180, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 180, 134) }
```

Border

The CSS property to change the border of an element to XYZ 51.0558, 50.0517, 29.5243 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(223, 180, 134) }
```


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

```
.border{ border-color:rgb(223, 180, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 180, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 180, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 180, 134);  
box-shadow:4px 4px 4px 4px rgb(223, 180,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 51.0558, 50.0517, 29.5243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 180, 134) }
```

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

```
.background{ background-color: rgb(223,  
180, 134) }
```

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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