

Converting Colors

XYZ(51.3487, 50.4889, 28.1138)

Have a look what the booklet for
XYZ(51.3487, 50.4889, 28.1138)
contains.

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Color

**XYZ(51.2936, 50.5067,
28.1644)**

Conversions

Conversions Part 1

Format	Color
Hex	E0B582
RGB	224, 181, 130
RGB Percent	88%, 71%, 51%
CMY	0.1216, 0.2902, 0.4902
CMYK	0.00, 0.19, 0.42, 0.12
HSL	33°, 60%, 69%
HSV	33°, 42%, 88%
XYZ	51.2936, 50.5067, 28.1644
YIQ	188.0430, 41.9990, -6.7450

Conversions

Conversions Part 2

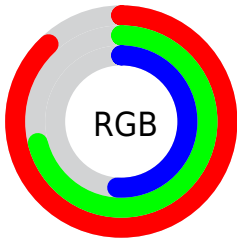
Format	Color
R_{YB}	209, 224, 130
Decimal	14726530
CIE _{Lab}	76.38, 8.89, 31.84
CIE _{LCh}	76, 33.061, 74.397
Yxy	50.5067, 0.3947, 0.3886
Android (android.graphics.Color)	4292916610 (0xFFE0B582)
YUV	188.0430, -28.6152, 31.5343
Hunter-Lab	71.0681, 4.4638, 26.2509

Details

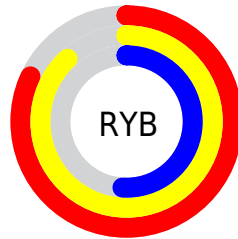
The XYZ color **51.2936, 50.5067, 28.1644** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **37.6035, 40.0134, 76.2624**, and the grayscale version is **47.9662, 50.4642, 54.9555**.

A 20% lighter version of the original color is **80.0714, 85.2473, 57.0339**, and **25.1035, 24.2330, 10.9438** is the 20% darker color. If you saturate the color by 10%, you get **47.9437, 45.9568, 20.4201**, and if you desaturate by 10%, it is **55.1266, 55.4988, 37.6854**.

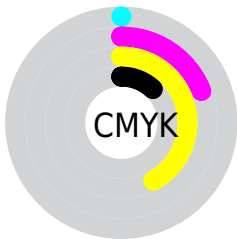
Distribution



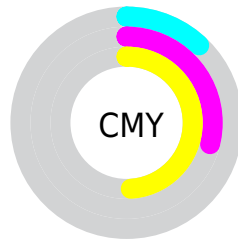
- Red (88%)
- Green (71%)
- Blue (51%)



- Red (82%)
- Yellow (88%)
- Blue (51%)



- Cyan (0%)
- Magenta (19%)
- Yellow (42%)
- Black (12%)





- Cyan (12%)
- Magenta (29%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.2936, 50.5067, 28.1644 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 51.2936, 50.5067, 28.1644 by changing the saturation by 10% instead.


 51.2936, 50.5067,
28.1644


 51.2936, 50.5067,
28.1644


382.0723,
388.6442, 307.1883


 36.6643, 35.8162,
18.2095


 91.2690, 90.9252,
57.7731

 25.1202, 24.2923,
10.9295

 117.3459,
117.4219, 78.2639

 16.2958, 15.5506,
5.9059


 147.9693,
148.6228, 103.1038

 9.8259, 9.2067,
2.7201

183.5046,
184.9123, 132.7113

 5.3451, 4.8762,
0.9535

224.3172,
226.6748, 167.5050

 2.4879, 2.1748,
0.0000

270.7725,

 0.8892, 0.7062,

274.2947, 207.9034

0.0000

323.2357,
328.1564, 254.3249

■ 0.0000, 0.0000,
0.0000

■ 51.2936, 50.5067,
28.1644

■ 51.2936, 50.5067,
28.1644

■ 47.9437, 45.9568,
20.4201

■ 55.1266, 55.4988,
37.6854

■ 45.0483, 41.8267,
14.3355

■ 59.4615, 60.9400,
49.0841

■ 42.5814, 38.1025,
9.7839


■ 64.3208, 66.8461,
62.4571


■ 40.5118, 34.7662,
6.6188


■ 69.7242, 73.2298,
77.8938


■ 38.8027, 31.7971,
4.6647

■ 75.6902, 80.1032,
95.4779

 37.6441, 29.6545,
3.7398

 80.6855, 86.8574,
107.1203

 83.8290, 93.1444,
108.1682

 84.5504, 94.5873,
108.4086

Harmonies

Analogous

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



57.0657, 50.5067, 34.3450



51.2936, 50.5067, 28.1644



45.0929, 50.5067, 28.0452

Triad

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



51.2936, 50.5067, 28.1644



37.3296, 50.5067, 63.9553



56.8664, 50.5067, 83.2702

Complementary

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



51.2936, 50.5067, 28.1644



37.6035, 40.0134, 76.2624

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.



51.0401, 50.5067, 95.2792



51.2936, 50.5067, 28.1644



39.9582, 50.5067, 82.6004

Square

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



51.2936, 50.5067, 28.1644



37.3846, 50.5067, 46.2871



44.8603, 50.5067, 95.0105



60.4676, 50.5067, 64.7278

Rectangle

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



51.2936, 50.5067, 28.1644



41.5618, 50.5067, 31.2994



44.8603, 50.5067, 95.0105



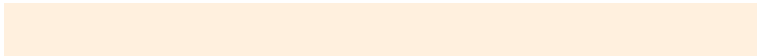
55.0821, 50.5067, 88.3667

Sweetspot

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



51.2949, 50.5091, 28.1654



85.5169, 88.7503, 81.6252



46.3504, 34.8638, 44.2632



17.9845, 18.6109, 16.5819



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.



51.2949, 50.5091, 28.1654



64.9976, 62.5937, 28.9060



60.4632, 70.2743, 31.4973



14.3203, 14.9267, 14.4332



22.0280, 17.4939, 2.2157



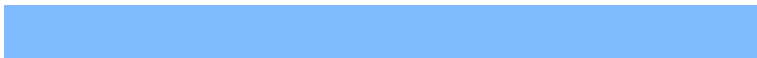
1.6161, 1.3910, 0.1833

Inverse Universe

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



37.6035, 40.0134, 76.2624



44.3976, 46.8116, 101.3033



31.1316, 26.3451, 73.9653



13.4660, 14.2710, 17.4325



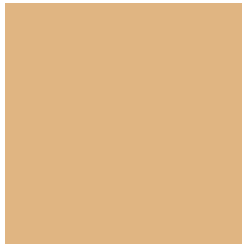
10.7354, 8.9403, 42.2082



0.8328, 0.7971, 2.9552

Previews

White Background



This preview shows how the XYZ color 51.2936, 50.5067, 28.1644 looks on a white background.

Color Contrast Check

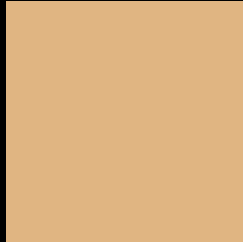
Large Text (above 18pt) WCAG AA × Fail

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 51.2936, 50.5067, 28.1644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

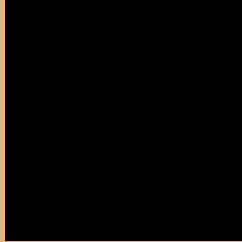
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.2936, 50.5067, 28.1644

Background



This preview shows how black text looks on a background with the XYZ color 51.2936, 50.5067, 28.1644.

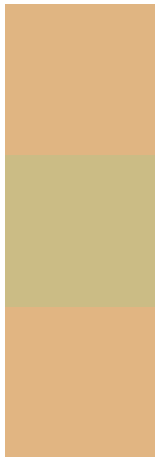


This preview shows how white text looks on a background with the XYZ color 51.2936, 50.5067,

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

51.2936, 50.5067, 28.1644

Protanopia

46.8455, 50.3564, 29.4410

Deuteranopia

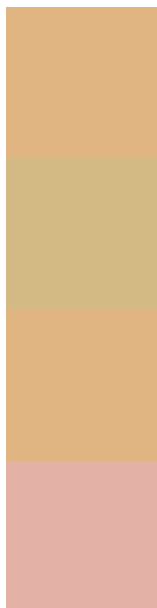
51.6045, 50.6670, 28.1790



Tritanopia

56.7388, 50.6830, 53.8060

Trichromacy



Original Color

51.2936, 50.5067, 28.1644

Protanomaly

48.3778, 50.2128, 28.9720

Deuteranomaly

51.6045, 50.6670, 28.1790

Tritanomaly

54.6000, 50.6914, 42.9831

Monochromacy



Original Color

51.2936, 50.5067, 28.1644

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

48.4114, 49.9055, 43.6404

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.2936, 50.5067, 28.1644 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(224, 181, 130)` looks like.

```
.text, #text, p{  
    color:rgb(224, 181, 130)  
}
```

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(224, 181, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 181, 130) }
```

Border

The CSS property to change the border of an element to XYZ 51.2936, 50.5067, 28.1644 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(224, 181, 130) }
```


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

```
.border{ border-color:rgb(224, 181, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 181, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 181, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 181, 130);  
box-shadow:4px 4px 4px 4px rgb(224, 181,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 51.2936, 50.5067, 28.1644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 181, 130) }
```

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

```
.background{ background-color: rgb(224,  
181, 130) }
```

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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