

Converting Colors

XYZ(52.2906, 51.0447, 26.8546)

Have a look what the booklet for
XYZ(52.2906, 51.0447, 26.8546)
contains.

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Color

**XYZ(52.2847, 51.0481,
26.8362)**

Conversions

Conversions Part 1

Format	Color
Hex	E4B57E
RGB	228, 181, 126
RGB Percent	89%, 71%, 49%
CMY	0.1059, 0.2902, 0.5059
CMYK	0.00, 0.21, 0.45, 0.11
HSL	32°, 65%, 69%
HSV	32°, 45%, 89%
XYZ	52.2847, 51.0481, 26.8362
YIQ	188.7830, 45.6670, -7.1410

Conversions

Conversions Part 2

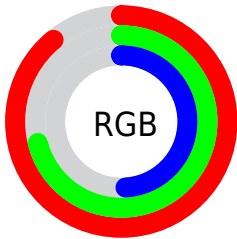
Format	Color
R _Y B	213, 228, 126
Decimal	14988670
CIE Lab	76.71, 10.08, 34.45
CIE LCh	77, 35.890, 73.689
Yxy	51.0481, 0.4017, 0.3922
Android (android.graphics.Color)	4293178750 (0xFFE4B57E)
YUV	188.7830, -30.9520, 34.3933
Hunter-Lab	71.4480, 5.5901, 27.7440

Details

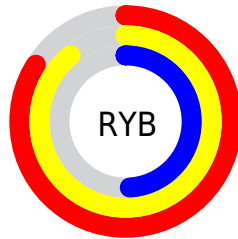
The XYZ color **52.2847, 51.0481, 26.8362** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **37.5508, 39.9227, 79.1254**, and the grayscale version is **48.3999, 50.9204, 55.4523**.

A 20% lighter version of the original color is **79.6609, 85.0830, 54.8719**, and **25.6012, 24.5062, 10.2183** is the 20% darker color. If you saturate the color by 10%, you get **48.9221, 46.4150, 19.2656**, and if you desaturate by 10%, it is **56.1462, 56.1423, 36.2282**.

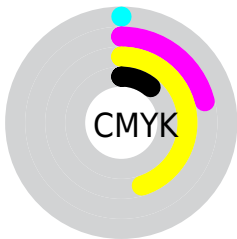
Distribution



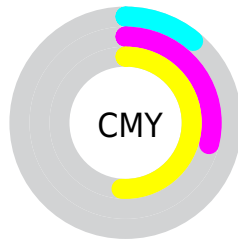
- Red (89%)
- Green (71%)
- Blue (49%)



- Red (84%)
- Yellow (89%)
- Blue (49%)



- Cyan (0%)
- Magenta (21%)
- Yellow (45%)
- Black (11%)




- Cyan (11%)
- Magenta (29%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.2847, 51.0481, 26.8362 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 52.2847, 51.0481, 26.8362 by changing the saturation by 10% instead.


 52.2847, 51.0481,
26.8362

 52.2847, 51.0481,
26.8362


385.8407,
390.7506, 300.5982


 37.4572, 36.2469,
17.2189

 92.7227, 91.7259,
55.6214

 25.7370, 24.6249,
10.2271


 119.0640,
118.3712, 75.6265

 16.7586, 15.7978,
5.4422


 149.9739,
149.7334, 99.9311

 10.1568, 9.3812,
2.4457

185.8178,
186.1968, 128.9540

 5.5661, 4.9907,
0.8112

226.9611,
228.1458, 163.1136

 2.6212, 2.2418,
0.0000

273.7691,

 0.9568, 0.7426,

275.9649, 202.8285

0.0000

326.6072,
330.0384, 248.5172

■ 0.0000, 0.0000,
0.0000

■ 52.2847, 51.0481,
26.8362

■ 52.2847, 51.0481,
26.8362

■ 48.9221, 46.4150,
19.2656

■ 56.1462, 56.1423,
36.2282

■ 46.0279, 42.2195,
13.3907

■ 60.5272, 61.7055,
47.5497

■ 43.5739, 38.4463,
9.0743


■ 65.4514, 67.7545,
60.9041

■ 41.5261, 35.0756,
6.1563


■ 70.9398, 74.3028,
76.3862


■ 39.8435, 32.0850,
4.4409

■ 77.0123, 81.3634,
94.0851

 39.0720, 30.6482,
3.8564

 82.4059, 88.4359,
107.3343

 85.6580, 94.9401,
108.4184

 85.8049, 95.2340,
108.4673

Harmonies

Analogous

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



58.6002, 51.0481, 33.5244



52.2847, 51.0481, 26.8362



45.4911, 51.0481, 26.5642

Triad

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



52.2847, 51.0481, 26.8362



36.8939, 51.0481, 64.9224



58.1218, 51.0481, 87.2897

Complementary

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



52.2847, 51.0481, 26.8362



37.5508, 39.9227, 79.1254

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.



51.6797, 51.0481, 100.4731



52.2847, 51.0481, 26.8362



39.6671, 51.0481, 85.6633

Square

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



52.2847, 51.0481, 26.8362



37.0231, 51.0481, 45.7166



44.9399, 51.0481, 99.8166



62.1794, 51.0481, 66.7750

Rectangle

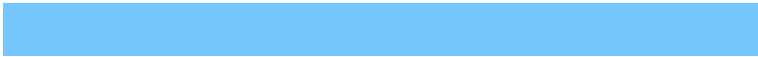
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



52.2847, 51.0481, 26.8362



41.6234, 51.0481, 29.8874



44.9399, 51.0481, 99.8166



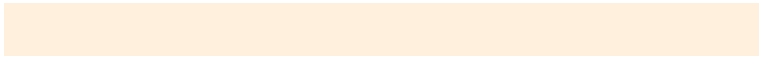
56.1385, 51.0481, 92.9184

Sweetspot

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



52.2860, 51.0505, 26.8372



85.4844, 88.6853, 81.6143



47.0571, 34.4566, 44.0113



17.9765, 18.5948, 16.5792



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.



52.2860, 51.0505, 26.8372



63.2211, 60.0565, 25.1822



62.4361, 72.9365, 30.5267



15.0176, 15.6491, 15.1335



22.6816, 17.9373, 2.2668



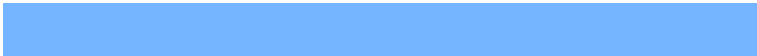
1.7688, 1.5109, 0.1984

Inverse Universe

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



37.5508, 39.9227, 79.1254



41.8982, 43.9660, 100.8858



30.5791, 25.2222, 76.6554



14.1273, 14.9759, 18.2904



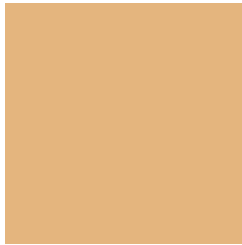
11.1217, 9.3055, 43.5931



0.9139, 0.8718, 3.2521

Previews

White Background



This preview shows how the XYZ color 52.2847, 51.0481, 26.8362 looks on a white background.

Color Contrast Check

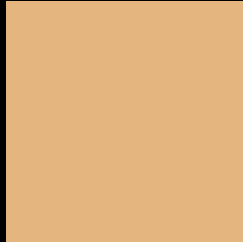
Large Text (above 18pt) WCAG AA × Fail

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 52.2847, 51.0481, 26.8362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

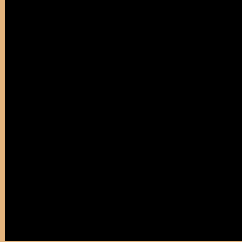
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.2847, 51.0481, 26.8362

Background



This preview shows how black text looks on a background with the XYZ color 52.2847, 51.0481, 26.8362.



This preview shows how white text looks on a background with the XYZ color 52.2847, 51.0481,

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

52.2847, 51.0481, 26.8362

Protanopia

47.3369, 50.9593, 28.1101

Deuteranopia

51.9683, 50.8850, 26.8214



Tritanopia

57.8449, 50.9674, 53.8026

Trichromacy



Original Color

52.2847, 51.0481, 26.8362

Protanomaly

48.8958, 50.8225, 27.6547

Deuteranomaly

51.9683, 50.8850, 26.8214

Tritanomaly

55.5956, 50.9231, 42.4962

Monochromacy



Original Color

52.2847, 51.0481, 26.8362

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

49.0704, 50.5675, 43.2506

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.2847, 51.0481, 26.8362 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(228, 181, 126)` looks like.

```
.text, #text, p{  
    color:rgb(228, 181, 126)  
}
```

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(228, 181, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 181, 126) }
```

Border

The CSS property to change the border of an element to XYZ 52.2847, 51.0481, 26.8362 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(228, 181, 126) }
```


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

```
.border{ border-color:rgb(228, 181, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 181, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 181, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 181, 126);  
box-shadow:4px 4px 4px 4px rgb(228, 181,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 52.2847, 51.0481, 26.8362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 181, 126) }
```

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

```
.background{ background-color: rgb(228,  
181, 126) }
```

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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