

Converting Colors

XYZ(42.5472, 51.2598, 26.8873)

Have a look what the booklet for
XYZ(42.5472, 51.2598, 26.8873)
contains.

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Color

**XYZ(42.4903, 51.1165,
27.0290)**

Conversions

Conversions Part 1

Format	Color
Hex	B4C57D
RGB	180, 197, 125
RGB Percent	71%, 77%, 49%
CMY	0.2941, 0.2274, 0.5098
CMYK	0.09, 0.00, 0.37, 0.23
HSL	74°, 38%, 63%
HSV	74°, 37%, 77%
XYZ	42.4903, 51.1165, 27.0290
YIQ	183.7090, 12.9800, -25.9960

Conversions

Conversions Part 2

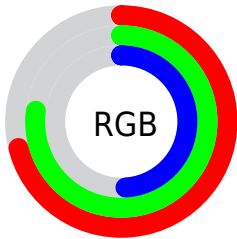
Format	Color
R _{YB}	125, 197, 142
Decimal	11847037
CIE Lab	76.75, -17.47, 34.22
CIE LCh	77, 38.418, 117.045
Yxy	51.1165, 0.3522, 0.4237
Android (android.graphics.Color)	4290037117 (0xFFB4C57D)
YUV	183.7090, -28.9435, -3.2528
Hunter-Lab	71.4958, -19.0342, 27.6325

Details

The XYZ color **42.4903, 51.1165, 27.0290** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **28.5690, 24.4506, 56.0400**, and the grayscale version is **45.5501, 47.9222, 52.1873**.

A 20% lighter version of the original color is **78.4027, 92.1025, 55.7648**, and **19.6966, 24.5885, 10.3645** is the 20% darker color. If you saturate the color by 10%, you get **40.2900, 50.1151, 20.9957**, and if you desaturate by 10%, it is **44.9792, 52.2411, 34.3808**.

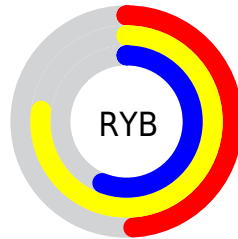
Distribution



Red (71%)

Green (77%)

Blue (49%)



Red (49%)

Yellow (77%)

Blue (56%)

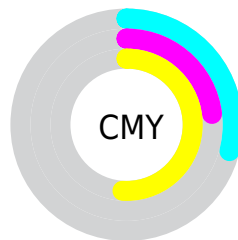


Cyan (9%)

Magenta (0%)

Yellow (37%)

Black (23%)



Cyan (29%)


Magenta (23%)


Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.4903, 51.1165, 27.0290 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 42.4903, 51.1165, 27.0290 by changing the saturation by 10% instead.

 42.4903, 51.1165,
27.0290


 42.4903, 51.1165,
27.0290


347.4686,
391.0162, 301.5621


 29.6782, 36.3013,
17.3624


 78.2017, 91.8270,
55.9347

 19.7413, 24.6670,
10.3285


 101.8316,
118.4910, 76.0109

 12.3143, 15.8291,
5.5089


 129.7982,
149.8735, 100.3939

 7.0318, 9.4033,
2.4849

162.4668,
186.3589, 129.5025

 3.5285, 5.0052,
0.8321

200.2028,
228.3314, 163.7550

 1.4390, 2.2503,
0.0000

243.3715,

 0.2838, 0.7472,

276.1755, 203.5701

0.0000

292.3383,
330.2757, 249.3663

■ 0.0000, 0.0000,
0.0000

■ 42.4903, 51.1165,
27.0290

■ 42.4903, 51.1165,
27.0290

■ 40.2900, 50.1151,
20.9957

■ 44.9792, 52.2411,
34.3808

■ 38.3592, 49.2239,
16.1995

■ 47.7668, 53.4876,
43.1197

■ 36.6825, 48.4385,
12.5551


■ 50.8673, 54.8636,
53.3131


■ 35.2410, 47.7512,
9.9650


■ 54.2930, 56.3739,
65.0233


■ 34.0128, 47.1532,
8.3156


■ 58.0552, 58.0232,
78.3090


 32.9693, 46.6332,
7.4587

 62.1648, 59.8159,
93.2256

 32.6333, 46.4643,
7.2485

 65.3330, 61.2365,
102.9841

 66.6985, 61.9404,
103.0480

 68.1030, 62.6645,
103.1138

Harmonies

Analogous

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



49.3104, 51.1165, 24.4393



42.4903, 51.1165, 27.0290



37.7540, 51.1165, 36.5633

Triad

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



42.4903, 51.1165, 27.0290



41.3566, 51.1165, 96.5580



63.9581, 51.1165, 57.7511

Complementary

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



42.4903, 51.1165, 27.0290



28.5690, 24.4506, 56.0400

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.



61.3108, 51.1165, 80.4548



42.4903, 51.1165, 27.0290



47.8661, 51.1165, 106.0983

Square

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



42.4903, 51.1165, 27.0290



37.1469, 51.1165, 75.9613



55.2356, 51.1165, 99.5751



62.1580, 51.1165, 39.3378

Rectangle

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



42.4903, 51.1165, 27.0290



36.1730, 51.1165, 47.1396



55.2356, 51.1165, 99.5751



63.5531, 51.1165, 65.1436

Sweetspot

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



42.4916, 51.1188, 27.0301



88.4629, 97.0884, 86.7143



36.3727, 32.6391, 23.7856



18.7716, 20.7085, 18.0251



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.



42.4916, 51.1188, 27.0301



72.8571, 90.0733, 39.4531



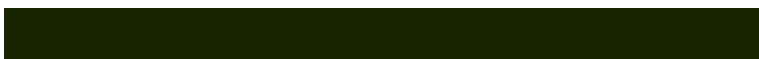
35.2062, 47.3630, 26.6891



11.2696, 12.2859, 11.3402



21.5402, 30.5997, 4.7710



1.0810, 1.4804, 0.2288

Inverse Universe

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



28.5690, 24.4506, 56.0400



44.2687, 35.2730, 99.0829



35.7277, 28.1410, 56.3750



10.2873, 10.4064, 13.3839



7.4483, 3.0740, 34.9451



0.4194, 0.1800, 1.6578

Previews

White Background



This preview shows how the XYZ color 42.4903, 51.1165, 27.0290 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 42.4903, 51.1165, 27.0290 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 42.4903, 51.1165, 27.0290

Background



This preview shows how black text looks on a background with the XYZ color 42.4903, 51.1165, 27.0290.



This preview shows how white text looks on a background with the XYZ color 42.4903, 51.1165,

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

42.4903, 51.1165, 27.0290

Protanopia

47.1640, 50.9221, 25.7555

Deuteranopia

51.8504, 50.8015, 27.8417



Tritanopia

49.8791, 51.1779, 63.1265

Trichromacy



Original Color

42.4903, 51.1165, 27.0290

Protanomaly

45.4507, 50.9997, 26.1873

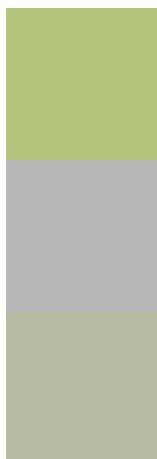
Deuteranomaly

47.9611, 50.6545, 27.6715

Tritanomaly

46.5205, 50.7567, 47.3895

Monochromacy



Original Color

42.4903, 51.1165, 27.0290

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

44.3369, 49.1068, 41.7921

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.4903, 51.1165, 27.0290 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(180, 197, 125)` looks like.

```
.text, #text, p{  
    color:rgb(180, 197, 125)  
}
```

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(180, 197, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 197, 125) }
```

Border

The CSS property to change the border of an element to XYZ 42.4903, 51.1165, 27.0290 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(180, 197, 125) }
```


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

```
.border{ border-color:rgb(180, 197, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 197, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 197, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 197, 125);  
box-shadow:4px 4px 4px 4px rgb(180, 197,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 42.4903, 51.1165, 27.0290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 197, 125) }
```

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

```
.background{ background-color: rgb(180,  
197, 125) }
```

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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