

Converting Colors

XYZ(42.6222, 49.5938, 27.1745)

Have a look what the booklet for
XYZ(42.6222, 49.5938, 27.1745)
contains.

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Color

**XYZ(42.6231, 49.5199,
27.0505)**

Conversions

Conversions Part 1

Format	Color
Hex	B9C07E
RGB	185, 192, 126
RGB Percent	73%, 75%, 49%
CMY	0.2745, 0.2470, 0.5059
CMYK	0.04, 0.00, 0.34, 0.25
HSL	66°, 34%, 62%
HSV	66°, 34%, 75%
XYZ	42.6231, 49.5199, 27.0505
YIQ	182.3830, 17.0140, -22.0100

Conversions

Conversions Part 2

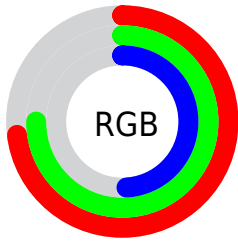
Format	Color
RYB	126, 192, 133
Decimal	12173438
CIELab	75.77, -12.86, 32.50
CIELCh	76, 34.955, 111.593
Yxy	49.5199, 0.3576, 0.4155
Android (android.graphics.Color)	4290363518 (0xFFB9C07E)
YUV	182.3830, -27.7968, 2.2951
Hunter-Lab	70.3704, -15.0313, 26.4681

Details

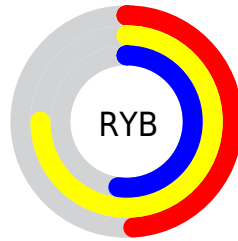
The XYZ color **42.6231, 49.5199, 27.0505** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **26.6500, 23.7153, 53.0449**, and the grayscale version is **44.8138, 47.1476, 51.3437**.

A 20% lighter version of the original color is **78.3220, 89.2667, 55.7500**, and **19.8972, 23.8123, 10.3850** is the 20% darker color. If you saturate the color by 10%, you get **41.0136, 48.8214, 21.1171**, and if you desaturate by 10%, it is **44.4799, 50.3216, 34.2387**.

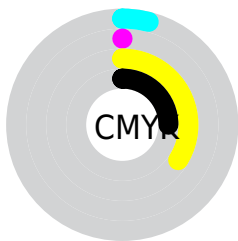
Distribution



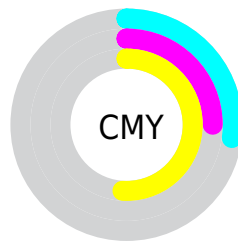
- Red (73%)
- Green (75%)
- Blue (49%)



- Red (49%)
- Yellow (75%)
- Blue (52%)



- Cyan (4%)
- Magenta (0%)
- Yellow (34%)
- Black (25%)



- Cyan (27%)
- Magenta (25%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.6231, 49.5199, 27.0505 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 42.6231, 49.5199, 27.0505 by changing the saturation by 10% instead.

■ 42.6231, 49.5199,
27.0505

■ 42.6231, 49.5199,
27.0505

348.0073,
384.7855, 301.6695

■ 29.7827, 35.0321,
17.3784

■ 78.4011, 89.4631,
55.9696

■ 19.8210, 23.6876,
10.3398

■ 102.0694,
115.6873, 76.0537

■ 12.3725, 15.1020,
5.5163

■ 130.0777,
146.5924, 100.4455

■ 7.0719, 8.8910,
2.4893

162.7914,
182.5629, 129.5636

■ 3.5538, 4.6702,
0.8345

200.5759,
223.9830, 163.8265

■ 1.4530, 2.0551,
0.0000

243.7965,

■ 0.2935, 0.6392,

271.2372, 203.6527

0.0000

292.8185,
324.7099, 249.4609

■ 0.0000, 0.0000,
0.0000

■ 42.6231, 49.5199,
27.0505

■ 42.6231, 49.5199,
27.0505

■ 41.0136, 48.8214,
21.1171

■ 44.4799, 50.3216,
34.2387

■ 39.6341, 48.2141,
16.3634

■ 46.5930, 51.2248,
42.7448

■ 38.4706, 47.6939,
12.7114


■ 48.9753, 52.2366,
52.6312


■ 37.5065, 47.2543,
10.0721


■ 51.6377, 53.3612,
63.9557


■ 36.7220, 46.8873,
8.3430


■ 54.5906, 54.6028,
76.7726


 36.0935, 46.5836,
7.3997

 57.8438, 55.9654,
91.1334

 35.7824, 46.4300,
7.0760

 60.5240, 57.0997,
102.4391

 61.0693, 57.3808,
102.4646

 61.6219, 57.6657,
102.4905

Harmonies

Analogous

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



48.9150, 49.5199, 25.7316



42.6231, 49.5199, 27.0505



37.9512, 49.5199, 34.6269

Triad

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



42.6231, 49.5199, 27.0505



39.7336, 49.5199, 87.0474



60.5206, 49.5199, 59.3135

Complementary

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



42.6231, 49.5199, 27.0505



26.6500, 23.7153, 53.0449

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.



57.5372, 49.5199, 79.3038



42.6231, 49.5199, 27.0505



45.2665, 49.5199, 97.5563

Square

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



42.6231, 49.5199, 27.0505



36.3928, 49.5199, 68.1674



51.8099, 49.5199, 94.4366



59.6480, 49.5199, 41.8084

Rectangle

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



42.6231, 49.5199, 27.0505



36.1933, 49.5199, 43.4043



51.8099, 49.5199, 94.4366



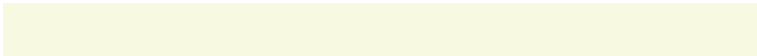
59.9263, 49.5199, 66.0073

Sweetspot

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



42.6243, 49.5221, 27.0515



86.1781, 93.5597, 84.6866



33.8387, 29.3799, 23.6268



18.3592, 20.0169, 17.6353



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



42.6243, 49.5221, 27.0515



75.0611, 88.7848, 40.9666



35.6412, 45.9222, 26.7247



10.8047, 11.7023, 10.7512



24.1157, 31.2610, 4.7629



1.0728, 1.3666, 0.2072

Inverse Universe

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



26.6500, 23.7153, 53.0449



41.9046, 35.2018, 94.9463



32.6190, 26.7925, 53.3243



9.6253, 9.7980, 12.6687



6.6342, 2.6805, 33.7243



0.3207, 0.1334, 1.4587

Previews

White Background



This preview shows how the XYZ color 42.6231, 49.5199, 27.0505 looks on a white background.

Color Contrast Check

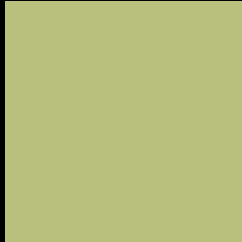
Large Text (above 18pt) WCAG AA × Fail

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 42.6231, 49.5199, 27.0505 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

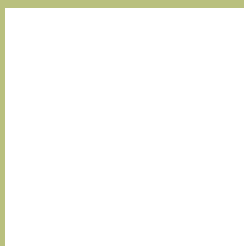
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.6231, 49.5199, 27.0505

Background



This preview shows how black text looks on a background with the XYZ color 42.6231, 49.5199, 27.0505.



This preview shows how white text looks on a background with the XYZ color 42.6231, 49.5199,

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

42.6231, 49.5199, 27.0505

Protanopia

45.7655, 49.5524, 26.2213

Deuteranopia

50.5140, 49.5132, 27.6635



Tritanopia

49.3747, 49.4135, 60.3615

Trichromacy



Original Color

42.6231, 49.5199, 27.0505

Protanomaly

44.6642, 49.6116, 26.6240

Deuteranomaly

47.3313, 49.3948, 27.4616

Tritanomaly

46.4912, 49.1727, 46.0707

Monochromacy



Original Color

42.6231, 49.5199, 27.0505

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

43.6089, 47.7937, 41.1091

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.6231, 49.5199, 27.0505 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(185, 192, 126)` looks like.

```
.text, #text, p{  
    color:rgb(185, 192, 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(185, 192, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 192, 126) }
```

Border

The CSS property to change the border of an element to XYZ 42.6231, 49.5199, 27.0505 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(185, 192, 126) }
```


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

```
.border{ border-color:rgb(185, 192, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 192, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 192, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 192, 126);  
box-shadow:4px 4px 4px 4px rgb(185, 192,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 42.6231, 49.5199, 27.0505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 192, 126) }
```

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

```
.background{ background-color: rgb(185,  
192, 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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