

Converting Colors

XYZ(42.7606, 50.2546, 26.8484)

Have a look what the booklet for
XYZ(42.7606, 50.2546, 26.8484)
contains.

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Color

**XYZ(42.7606, 50.2546,
26.8484)**

Conversions

Conversions Part 1

Format	Color
Hex	B8C27D
RGB	184, 194, 125
RGB Percent	72%, 76%, 49%
CMY	0.2784, 0.2392, 0.5098
CMYK	0.05, 0.00, 0.36, 0.24
HSL	69°, 36%, 63%
HSV	69°, 36%, 76%
XYZ	42.7606, 50.2546, 26.8484
YIQ	183.1440, 16.1890, -23.5790

Conversions

Conversions Part 2

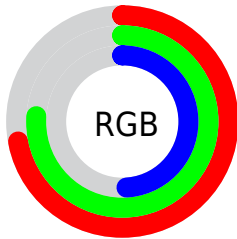
Format	Color
RYB	125, 194, 135
Decimal	12108413
CIELab	76.23, -14.40, 33.59
CIELCh	76, 36.550, 113.202
Yxy	50.2546, 0.3567, 0.4193
Android (android.graphics.Color)	4290298493 (0xFFB8C27D)
YUV	183.1440, -28.6650, 0.7507
Hunter-Lab	70.8905, -16.3885, 27.1684

Details

The XYZ color **42.7606, 50.2546, 26.8484** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **27.0648, 23.7145, 54.1927**, and the grayscale version is **45.2360, 47.5918, 51.8275**.

A 20% lighter version of the original color is **78.4971, 90.2863, 55.4092**, and **19.8540, 24.0100, 10.2446** is the 20% darker color. If you saturate the color by 10%, you get **40.9737, 49.4645, 20.9153**, and if you desaturate by 10%, it is **44.8055, 51.1530, 34.0591**.

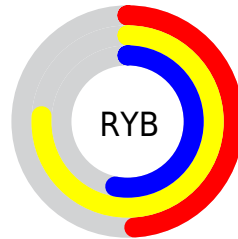
Distribution



Red (72%)

Green (76%)

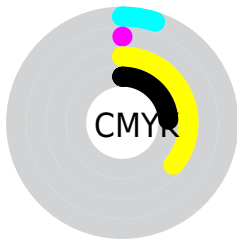
Blue (49%)



Red (49%)

Yellow (76%)

Blue (53%)

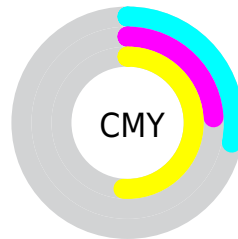


Cyan (5%)

Magenta (0%)

Yellow (36%)

Black (24%)



Cyan (28%)

Magenta (24%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.7606, 50.2546, 26.8484 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 42.7606, 50.2546, 26.8484 by changing the saturation by 10% instead.

■ 42.7606, 50.2546,
26.8484

■ 42.7606, 50.2546,
26.8484

348.5645,
387.6607, 300.6593

■ 29.8910, 35.6157,
17.2280

■ 78.6074, 90.5520,
55.6413

■ 19.9036, 24.1376,
10.2335

■ 102.3154,
116.9793, 75.6508

■ 12.4328, 15.4357,
5.4464

■ 130.3669,
148.1049, 99.9605

■ 7.1134, 9.1257,
2.4482

163.1273,
184.3132, 128.9887

■ 3.5801, 4.8233,
0.8125

200.9619,
225.9885, 163.1542

■ 1.4674, 2.1440,
0.0000

244.2360,

■ 0.3035, 0.6892,

273.5152, 202.8755

0.0000

293.3151,
327.2779, 248.5710

■ 0.0000, 0.0000,
0.0000

■ 42.7606, 50.2546,
26.8484

■ 42.7606, 50.2546,
26.8484

■ 40.9737, 49.4645,
20.9153

■ 44.8055, 51.1530,
34.0591

■ 39.4268, 48.7702,
16.1822

■ 47.1178, 52.1580,
42.6129

■ 38.1055, 48.1677,
12.5678


■ 49.7109, 53.2770,
52.5743


■ 36.9920, 47.6498,
9.9795


■ 52.5960, 54.5144,
64.0030


■ 36.0661, 47.2085,
8.3098


■ 55.7841, 55.8745,
76.9551


 35.3022, 46.8335,
7.4261

 59.2852, 57.3614,
91.4838

 34.9927, 46.6793,
7.1657

 62.1600, 58.5995,
102.6424

 62.9365, 58.9998,
102.6787

 63.7270, 59.4073,
102.7157

Harmonies

Analogous

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



49.3422, 50.2546, 25.1521



42.7606, 50.2546, 26.8484



37.9731, 50.2546, 35.0857

Triad

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



42.7606, 50.2546, 26.8484



40.3001, 50.2546, 90.8360



62.0790, 50.2546, 59.3081

Complementary

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



42.7606, 50.2546, 26.8484



27.0648, 23.7145, 54.1927

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.



59.1114, 50.2546, 80.5759



42.7606, 50.2546, 26.8484



46.2227, 50.2546, 101.3891

Square

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



42.7606, 50.2546, 26.8484



36.6503, 50.2546, 70.9712



53.1464, 50.2546, 97.2435



60.9275, 50.2546, 41.1587

Rectangle

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



42.7606, 50.2546, 26.8484



36.2300, 50.2546, 44.5220



53.1464, 50.2546, 97.2435



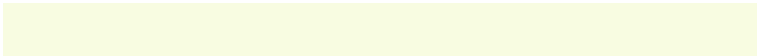
61.5214, 50.2546, 66.3643

Sweetspot

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



42.7619, 50.2569, 26.8495



87.3607, 95.3566, 84.8071



34.5043, 30.0569, 23.3857



18.9908, 20.8215, 18.0353



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.



42.7619, 50.2569, 26.8495



74.8065, 89.8690, 39.7478



35.6282, 46.5793, 26.5156



10.7653, 11.6820, 10.7493



23.0589, 30.7161, 4.7135



1.0364, 1.3478, 0.2055

Inverse Universe

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



27.0648, 23.7145, 54.1927



42.0242, 34.4081, 96.8963



33.3708, 26.9653, 54.4879



9.6612, 9.8165, 12.6704



6.7623, 2.7465, 33.7303



0.3368, 0.1417, 1.4595

Previews

White Background



This preview shows how the XYZ color 42.7606, 50.2546, 26.8484 looks on a white background.

Color Contrast Check

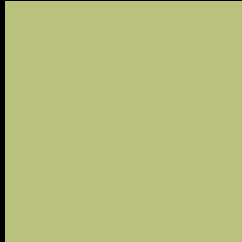
Large Text (above 18pt) WCAG AA × Fail

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 42.7606, 50.2546, 26.8484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

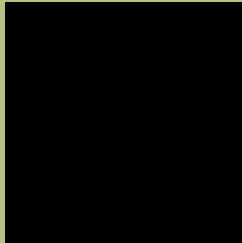
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.7606, 50.2546, 26.8484

Background



This preview shows how black text looks on a background with the XYZ color 42.7606, 50.2546, 26.8484.



This preview shows how white text looks on a background with the XYZ color 42.7606, 50.2546,

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

42.7606, 50.2546, 26.8484

Protanopia

46.3979, 50.2089, 25.6582

Deuteranopia

50.9580, 50.0483, 27.3966



Tritanopia

49.6501, 50.1589, 61.0976

Trichromacy



Original Color

42.7606, 50.2546, 26.8484

Protanomaly

45.0146, 50.1273, 26.0419

Deuteranomaly

47.4742, 49.7855, 27.1861

Tritanomaly

46.6648, 49.8921, 46.2004

Monochromacy



Original Color

42.7606, 50.2546, 26.8484

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

43.8204, 48.2166, 41.1796

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.7606, 50.2546, 26.8484 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(184, 194, 125)` looks like.

```
.text, #text, p{  
    color:rgb(184, 194, 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(184, 194, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 194, 125) }
```

Border

The CSS property to change the border of an element to XYZ 42.7606, 50.2546, 26.8484 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(184, 194, 125) }
```


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

```
.border{ border-color:rgb(184, 194, 125) }
```

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

Here you see how a box with a 4 pixel rgb(184, 194, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 194, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 194, 125);  
box-shadow:4px 4px 4px 4px rgb(184, 194,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 42.7606, 50.2546, 26.8484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 194, 125) }
```

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

```
.background{ background-color: rgb(184,  
194, 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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