

Converting Colors

XYZ(40.9157, 47.3892, 26.5149)

Have a look what the booklet for
XYZ(40.9157, 47.3892, 26.5149)
contains.

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Color

**XYZ(40.9763, 47.3922,
26.3900)**

Conversions

Conversions Part 1

Format	Color
Hex	B6BC7D
RGB	182, 188, 125
RGB Percent	71%, 74%, 49%
CMY	0.2863, 0.2627, 0.5098
CMYK	0.03, 0.00, 0.34, 0.26
HSL	66°, 32%, 61%
HSV	66°, 34%, 74%
XYZ	40.9763, 47.3922, 26.3900
YIQ	179.0240, 16.6470, -20.8650

Conversions

Conversions Part 2

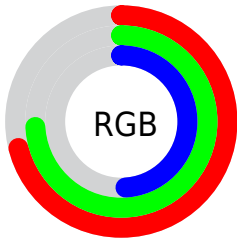
Format	Color
RYB	125, 188, 131
Decimal	11975805
CIELab	74.44, -12.11, 31.23
CIELCh	74, 33.499, 111.191
Yxy	47.3922, 0.3571, 0.4130
Android (android.graphics.Color)	4290165885 (0xFFB6BC7D)
YUV	179.0240, -26.6338, 2.6100
Hunter-Lab	68.8420, -14.2263, 25.4611

Details

The XYZ color **40.9763, 47.3922, 26.3900** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **25.7726, 23.1246, 50.6848**, and the grayscale version is **42.9928, 45.2318, 49.2574**.

A 20% lighter version of the original color is **75.9832, 86.2664, 54.7658**, and **18.8361, 22.4251, 9.9923** is the 20% darker color. If you saturate the color by 10%, you get **39.4672, 46.7416, 20.6326**, and if you desaturate by 10%, it is **42.7206, 48.1408, 33.3470**.

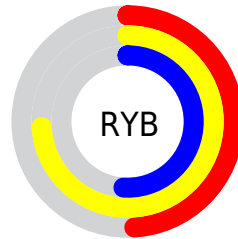
Distribution



Red (71%)

Green (74%)

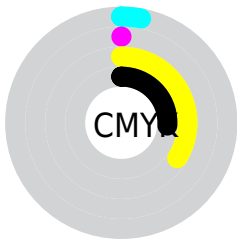
Blue (49%)



Red (49%)

Yellow (74%)

Blue (51%)

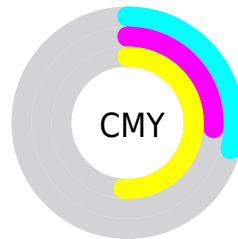


Cyan (3%)

Magenta (0%)

Yellow (34%)

Black (26%)



Cyan (29%)


Magenta (26%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.9763, 47.3922, 26.3900 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 40.9763, 47.3922, 26.3900 by changing the saturation by 10% instead.


 40.9763, 47.3922,
26.3900


 40.9763, 47.3922,
26.3900


341.2858,
376.3779, 298.3575

 28.4882, 33.3458,
16.8873


 75.9228, 86.2988,
54.8952

 18.8363, 22.3915,
9.9930

 99.1120, 111.9277,
74.7348

 11.6553, 14.1448,
5.2888

 126.5988,
142.1863, 98.8570

 6.5800, 8.2215,
2.3560

158.7487,
177.4590, 127.6805

 3.2448, 4.2370,
0.7623

195.9269,
218.1301, 161.6238

 1.2845, 1.8070,
0.0000

238.4990,

 0.1716, 0.4915,

264.5840, 201.1053

0.0000

286.8302,
317.2051, 246.5437

■ 0.0000, 0.0000,
0.0000

■ 40.9763, 47.3922,
26.3900

■ 40.9763, 47.3922,
26.3900

■ 39.4672, 46.7416,
20.6326

■ 42.7206, 48.1408,
33.3470

■ 38.1768, 46.1775,
16.0040

■ 44.7083, 48.9857,
41.5629

■ 37.0921, 45.6963,
12.4307

■ 46.9518, 49.9335,
51.0970


■ 36.1973, 45.2917,
9.8294


■ 49.4613, 50.9884,
62.0035


■ 35.4742, 44.9563,
8.1041


■ 52.2467, 52.1543,
74.3340


 34.9007, 44.6815,
7.1392

 55.3172, 53.4349,
88.1372

 34.5805, 44.5242,
6.7714

 58.4220, 54.7298,
102.0925

 58.8864, 54.9692,
102.1142

 59.3564, 55.2115,
102.1362

Harmonies

Analogous

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



46.8468, 47.3922, 25.2205



40.9763, 47.3922, 26.3900



36.5884, 47.3922, 33.4391

Triad

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



40.9763, 47.3922, 26.3900



38.1519, 47.3922, 82.0978



57.5224, 47.3922, 56.8647

Complementary

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



40.9763, 47.3922, 26.3900



25.7726, 23.1246, 50.6848

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.



54.7132, 47.3922, 75.3777



40.9763, 47.3922, 26.3900



43.2898, 47.3922, 91.9379

Square

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



40.9763, 47.3922, 26.3900



35.0619, 47.3922, 64.5814



49.3742, 47.3922, 89.2364



56.7628, 47.3922, 40.4898

Rectangle

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



40.9763, 47.3922, 26.3900



34.9224, 47.3922, 41.6048



49.3742, 47.3922, 89.2364



56.9556, 47.3922, 63.0847

Sweetspot

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



40.9775, 47.3943, 26.3910



82.3310, 89.3281, 80.8353



32.4583, 28.2052, 23.1361



17.5854, 19.1590, 16.8783



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



40.9775, 47.3943, 26.3910



72.2645, 85.0285, 40.1578



34.4956, 44.0528, 26.0877



10.2302, 11.0731, 10.1748



23.5771, 30.3303, 4.6117



0.9499, 1.2016, 0.1819

Inverse Universe

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



25.7726, 23.1246, 50.6848



40.6175, 34.4996, 90.7445



31.2618, 25.9544, 50.9417



9.0986, 9.2677, 11.9815



6.3783, 2.5742, 32.5536



0.2786, 0.1157, 1.2765

Previews

White Background



This preview shows how the XYZ color 40.9763, 47.3922, 26.3900 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 40.9763, 47.3922, 26.3900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

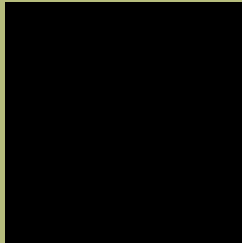
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.9763, 47.3922, 26.3900

Background



This preview shows how black text looks on a background with the XYZ color 40.9763, 47.3922, 26.3900.



This preview shows how white text looks on a background with the XYZ color 40.9763, 47.3922,

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

40.9763, 47.3922, 26.3900

Protanopia

43.7973, 47.3028, 25.5609

Deuteranopia

48.1397, 47.1239, 26.9807



Tritanopia

47.3436, 47.2116, 57.6564

Trichromacy



Original Color

40.9763, 47.3922, 26.3900

Protanomaly

42.7253, 47.3596, 25.9582

Deuteranomaly

45.3289, 47.1540, 26.7912

Tritanomaly

44.6284, 47.0118, 44.2581

Monochromacy



Original Color

40.9763, 47.3922, 26.3900

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

41.8083, 45.6624, 39.4111

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.9763, 47.3922, 26.3900 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(182, 188, 125)` looks like.

```
.text, #text, p{  
    color:rgb(182, 188, 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(182, 188, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 188, 125) }
```

Border

The CSS property to change the border of an element to XYZ 40.9763, 47.3922, 26.3900 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(182, 188, 125) }
```


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

```
.border{ border-color:rgb(182, 188, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 188, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 188, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 188, 125);  
box-shadow:4px 4px 4px 4px rgb(182, 188,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 40.9763, 47.3922, 26.3900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 188, 125) }
```

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

```
.background{ background-color: rgb(182,  
188, 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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