

Converting Colors

XYZ(42.2426, 48.0376, 26.7844)

Have a look what the booklet for
XYZ(42.2426, 48.0376, 26.7844)
contains.

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Color

**XYZ(42.2426, 48.0376,
26.7844)**

Conversions

Conversions Part 1

Format	Color
Hex	BBBC7E
RGB	187, 188, 126
RGB Percent	73%, 74%, 49%
CMY	0.2667, 0.2627, 0.5059
CMYK	0.01, 0.00, 0.33, 0.26
HSL	61°, 32%, 62%
HSV	61°, 33%, 74%
XYZ	42.2426, 48.0376, 26.7844
YIQ	180.6330, 19.3060, -19.4940

Conversions

Conversions Part 2

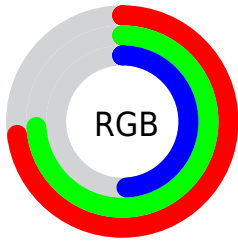
Format	Color
RYB	126, 188, 127
Decimal	12303486
CIELab	74.85, -10.02, 31.32
CIELCh	75, 32.884, 107.739
Yxy	48.0376, 0.3608, 0.4104
Android (android.graphics.Color)	4290493566 (0xFFBBBC7E)
YUV	180.6330, -26.9341, 5.5839
Hunter-Lab	69.3092, -12.4987, 25.6039

Details

The XYZ color **42.2426, 48.0376, 26.7844** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **25.2922, 23.0658, 50.6989**, and the grayscale version is **43.8573, 46.1413, 50.2478**.

A 20% lighter version of the original color is **77.7956, 87.1891, 55.3767**, and **19.6413, 22.8363, 10.2101** is the 20% darker color. If you saturate the color by 10%, you get **41.0678, 47.5607, 20.9812**, and if you desaturate by 10%, it is **43.6480, 48.6101, 33.7904**.

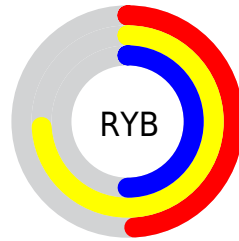
Distribution



Red (73%)

Green (74%)

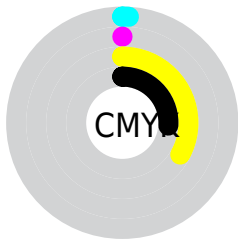
Blue (49%)



Red (49%)

Yellow (74%)

Blue (50%)

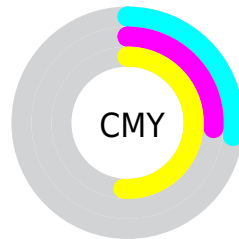


Cyan (1%)

Magenta (0%)

Yellow (33%)

Black (26%)



Cyan (27%)

Magenta (26%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.2426, 48.0376, 26.7844 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 42.2426, 48.0376, 26.7844 by changing the saturation by 10% instead.

■ 42.2426, 48.0376,
26.7844

■ 42.2426, 48.0376,
26.7844

346.4622,
378.9411, 300.3388

■ 29.4832, 33.8567,
17.1804

■ 77.8295, 87.2604,
55.5372

■ 19.5928, 22.7835,
10.1999

■ 101.3878,
113.0710, 75.5231

■ 12.2059, 14.4337,
5.4243

■ 129.2764,
143.5270, 99.8067

■ 6.9573, 8.4229,
2.4353

161.8607,
179.0128, 128.8065

■ 3.4815, 4.3668,
0.8056

199.5061,
219.9127, 162.9410

■ 1.4132, 1.8808,
0.0000

242.5779,

■ 0.2656, 0.5368,

266.6111, 202.6289

0.0000

291.4415,
319.4924, 248.2887

■ 0.0000, 0.0000,
0.0000

■ 42.2426, 48.0376,
26.7844

■ 42.2426, 48.0376,
26.7844

■ 41.0678, 47.5607,
20.9812

■ 43.6480, 48.6101,
33.7904

■ 40.1071, 47.1679,
16.3103

■ 45.2923, 49.2764,
42.0584

■ 39.3477, 46.8556,
12.6986


■ 47.1874, 50.0431,
51.6471


■ 38.7739, 46.6175,
10.0634


■ 49.3439, 50.9144,
62.6109


■ 38.3677, 46.4465,
8.3093


■ 51.7714, 51.8941,
75.0011


 38.1072, 46.3338,
7.3224

 54.4792, 52.9859,
88.8662

 37.9816, 46.2776,
6.9306

 57.0536, 54.0244,
102.0284

 57.1294, 54.0635,
102.0320

 57.2053, 54.1026,
102.0355

Harmonies

Analogous

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



48.1449, 48.0376, 26.2662



42.2426, 48.0376, 26.7844



37.6635, 48.0376, 33.1314

Triad

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



42.2426, 48.0376, 26.7844



38.3514, 48.0376, 80.6693



57.8460, 48.0376, 59.6171

Complementary

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



42.2426, 48.0376, 26.7844



25.2922, 23.0658, 50.6989

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.



54.7112, 48.0376, 77.7338



42.2426, 48.0376, 26.7844



43.2589, 48.0376, 91.5513

Square

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



42.2426, 48.0376, 26.7844



35.5556, 48.0376, 62.9974



49.2533, 48.0376, 90.3729



57.5135, 48.0376, 42.8962

Rectangle

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



42.2426, 48.0376, 26.7844



35.8190, 48.0376, 40.7915



49.2533, 48.0376, 90.3729



57.1522, 48.0376, 65.8030

Sweetspot

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



42.2438, 48.0398, 26.7854



83.0009, 89.6734, 80.8667



31.9674, 27.1206, 23.2892



17.7492, 19.2435, 16.8860



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.



42.2438, 48.0398, 26.7854



74.8846, 86.3792, 40.2804



35.6556, 44.6434, 26.4771



10.3065, 11.1124, 10.1783



25.8648, 31.5097, 4.7188



1.0181, 1.2368, 0.1851

Inverse Universe

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



25.2922, 23.0658, 50.6989



39.1634, 33.7501, 90.6765



30.4440, 25.7217, 50.9400



9.0304, 9.2325, 11.9783



6.2122, 2.4886, 32.5458



0.2483, 0.1000, 1.2751

Previews

White Background



This preview shows how the XYZ color 42.2426, 48.0376, 26.7844 looks on a white background.

Color Contrast Check

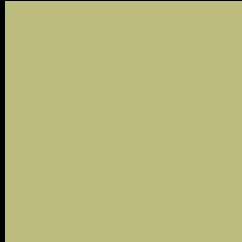
Large Text (above 18pt) WCAG AA × Fail

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 42.2426, 48.0376, 26.7844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

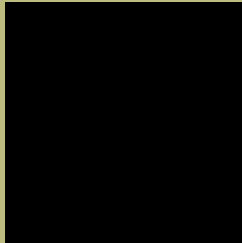
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.2426, 48.0376, 26.7844

Background



This preview shows how black text looks on a background with the XYZ color 42.2426, 48.0376, 26.7844.



This preview shows how white text looks on a background with the XYZ color 42.2426, 48.0376,

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

42.2426, 48.0376, 26.7844

Protanopia

44.3318, 47.8783, 25.9737

Deuteranopia

48.7012, 47.6957, 27.4082



Tritanopia

48.5645, 48.1397, 57.7712

Trichromacy



Original Color

42.2426, 48.0376, 26.7844

Protanomaly

43.5563, 47.7807, 26.3290

Deuteranomaly

45.9497, 47.4664, 27.1622

Tritanomaly

45.8331, 47.9380, 44.3734

Monochromacy



Original Color

42.2426, 48.0376, 26.7844

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

43.1020, 46.9215, 40.5032

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.2426, 48.0376, 26.7844 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(187, 188, 126)` looks like.

```
.text, #text, p{  
    color:rgb(187, 188, 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(187, 188, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 188, 126) }
```

Border

The CSS property to change the border of an element to XYZ 42.2426, 48.0376, 26.7844 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(187, 188, 126) }
```


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

```
.border{ border-color:rgb(187, 188, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 188, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 188, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 188, 126);  
box-shadow:4px 4px 4px 4px rgb(187, 188,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 42.2426, 48.0376, 26.7844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 188, 126) }
```

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

```
.background{ background-color: rgb(187,  
188, 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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