

Converting Colors

XYZ(47.2480, 43.0871, 26.2485)

Have a look what the booklet for
XYZ(47.2480, 43.0871, 26.2485)
contains.

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Color

**XYZ(47.2480, 43.0871,
26.2485)**

Conversions

Conversions Part 1

Format	Color
Hex	DFA280
RGB	223, 162, 128
RGB Percent	87%, 64%, 50%
CMY	0.1255, 0.3647, 0.4980
CMYK	0.00, 0.27, 0.43, 0.13
HSL	21°, 60%, 69%
HSV	21°, 43%, 87%
XYZ	47.2480, 43.0871, 26.2485
YIQ	176.3630, 47.2700, 2.3580

Conversions

Conversions Part 2

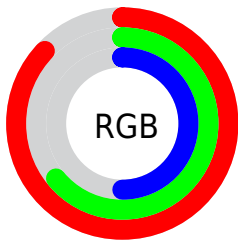
Format	Color
RYB	223, 181, 128
Decimal	14656128
CIELab	71.61, 18.44, 26.58
CIElCh	72, 32.351, 55.261
Yxy	43.0871, 0.4053, 0.3696
Android (android.graphics.Color)	4292846208 (0xFFDFA280)
YUV	176.3630, -23.8430, 40.9006
Hunter-Lab	65.6408, 13.6124, 22.2396

Details

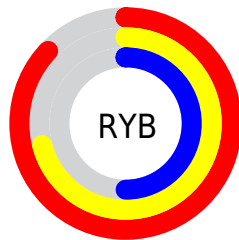
The XYZ color **47.2480, 43.0871, 26.2485** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **40.4182, 46.3103, 76.6204**, and the grayscale version is **41.5606, 43.7250, 47.6165**.

A 20% lighter version of the original color is **74.3933, 74.2219, 54.1214**, and **22.6770, 19.8089, 9.8360** is the 20% darker color. If you saturate the color by 10%, you get **43.5584, 37.8044, 18.5556**, and if you desaturate by 10%, it is **51.5495, 49.0774, 35.7375**.

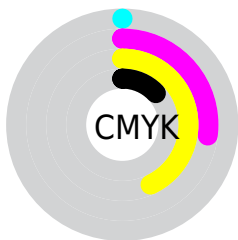
Distribution



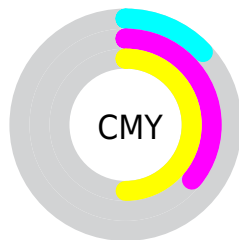
- Red (87%)
- Green (64%)
- Blue (50%)



- Red (87%)
- Yellow (71%)
- Blue (50%)



- Cyan (0%)
- Magenta (27%)
- Yellow (43%)
- Black (13%)





- Cyan (13%)
- Magenta (36%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.2480, 43.0871, 26.2485 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 47.2480, 43.0871, 26.2485 by changing the saturation by 10% instead.


 47.2480, 43.0871,
26.2485


 47.2480, 43.0871,
26.2485


366.4360,
358.9698, 297.6440

 33.4405, 29.9535,
16.7822


 85.3002, 79.8423,
54.6646

 22.6250, 19.8033,
9.9190


 110.2756,
104.2326, 74.4514

 14.4360, 12.2521,
5.2404


 139.7044,
133.1440, 98.5155

 8.5083, 6.9156,
2.3278

173.9518,
166.9607, 127.2755

 4.4764, 3.4094,
0.7467

213.3834,
206.0673, 161.1497

 1.9750, 1.3490,
0.0000

258.3644,

 0.6199, 0.1787,

250.8481, 200.5569

0.0000

309.2601,
301.6875, 245.9155

■ 0.0000, 0.0000,
0.0000

■ 47.2480, 43.0871,
26.2485

■ 47.2480, 43.0871,
26.2485

■ 43.5584, 37.8044,
18.5556

■ 51.5495, 49.0774,
35.7375

■ 40.4465, 33.1953,
12.5407

■ 56.4883, 55.7950,
47.1255

■ 37.8795, 29.2321,
8.0751

■ 62.0921, 63.2667,
60.5105

■ 35.8189, 25.8823,
5.0102

■ 68.3858, 71.5158,
75.9827

■ 34.2201, 23.1097,
3.1671

■ 75.3931, 80.5648,
93.6272

■ 33.2870, 21.3992,
2.3760

■ 82.0219, 89.9890,
107.6543

■ 84.2414, 94.4279,
108.3942

Harmonies

Analogous

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



51.2278, 43.0871, 35.1914



47.2480, 43.0871, 26.2485



41.8287, 43.0871, 22.8306

Triad

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



47.2480, 43.0871, 26.2485



31.3342, 43.0871, 44.4680



45.6105, 43.0871, 79.7951

Complementary

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



47.2480, 43.0871, 26.2485



40.4182, 46.3103, 76.6204

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.



40.0896, 43.0871, 83.8211



47.2480, 43.0871, 26.2485



32.1530, 43.0871, 60.9888

Square

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



47.2480, 43.0871, 26.2485



32.8988, 43.0871, 31.7491



35.2435, 43.0871, 76.2989



50.2249, 43.0871, 66.2723

Rectangle

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



47.2480, 43.0871, 26.2485



38.2447, 43.0871, 23.4296



35.2435, 43.0871, 76.2989



43.7862, 43.0871, 82.4158

Sweetspot

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



47.2491, 43.0892, 26.2494



83.7467, 85.2099, 81.0351



47.4177, 34.8335, 52.7966



17.5489, 17.7397, 16.4367



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.



47.2491, 43.0892, 26.2494



59.5962, 52.0548, 26.2918



57.0669, 62.7249, 29.5220



14.1067, 14.4994, 14.3619



19.6696, 12.7771, 1.4295



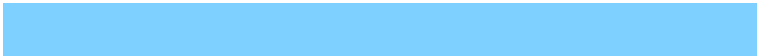
1.4461, 1.0510, 0.1266

Inverse Universe

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



40.4182, 46.3103, 76.6204



49.1657, 56.9073, 103.0006



31.9320, 29.3379, 73.7917



13.6823, 14.7038, 17.5047



13.7332, 14.9361, 43.2075



1.0356, 1.2027, 3.0228

Previews

White Background



This preview shows how the XYZ color 47.2480, 43.0871, 26.2485 looks on a white background.

Color Contrast Check

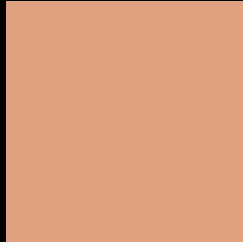
Large Text (above 18pt) WCAG AA × Fail

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 47.2480, 43.0871, 26.2485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

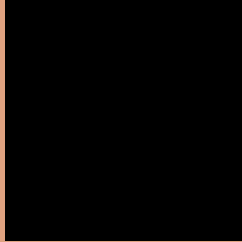
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.2480, 43.0871, 26.2485

Background



This preview shows how black text looks on a background with the XYZ color 47.2480, 43.0871, 26.2485.



This preview shows how white text looks on a background with the XYZ color 47.2480, 43.0871,

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

47.2480, 43.0871, 26.2485

Protanopia

40.5674, 43.4633, 28.8054

Deuteranopia

43.8458, 42.9475, 26.0574



Tritanopia

50.6349, 42.9350, 42.6643

Trichromacy



Original Color

47.2480, 43.0871, 26.2485

Protanomaly

42.8152, 43.2093, 27.9134

Deuteranomaly

44.9076, 42.9509, 26.0021

Tritanomaly

49.3407, 42.9224, 35.8213

Monochromacy



Original Color

47.2480, 43.0871, 26.2485

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

42.8132, 42.9665, 38.8377

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.2480, 43.0871, 26.2485 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(223, 162, 128)` looks like.

```
.text, #text, p{  
    color:rgb(223, 162, 128)  
}
```

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(223, 162, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 162, 128) }
```

Border

The CSS property to change the border of an element to XYZ 47.2480, 43.0871, 26.2485 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(223, 162, 128) }
```


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

```
.border{ border-color:rgb(223, 162, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 162, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 162, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 162, 128);  
box-shadow:4px 4px 4px 4px rgb(223, 162,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 47.2480, 43.0871, 26.2485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 162, 128) }
```

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

```
.background{ background-color: rgb(223,  
162, 128) }
```

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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