

Converting Colors

XYZ(48.0357, 49.8570, 26.4392)

Have a look what the booklet for
XYZ(48.0357, 49.8570, 26.4392)
contains.

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Color

**XYZ(47.9935, 49.7587,
26.4769)**

Conversions

Conversions Part 1

Format	Color
Hex	D4B87D
RGB	212, 184, 125
RGB Percent	83%, 72%, 49%
CMY	0.1686, 0.2784, 0.5098
CMYK	0.00, 0.13, 0.41, 0.17
HSL	41°, 50%, 66%
HSV	41°, 41%, 83%
XYZ	47.9935, 49.7587, 26.4769
YIQ	185.6460, 35.6270, -12.4130

Conversions

Conversions Part 2

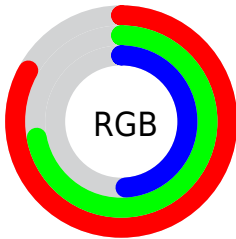
Format	Color
R _{YB}	166, 212, 125
Decimal	13940861
CIE Lab	75.92, 1.94, 33.65
CIE LCh	76, 33.707, 86.695
Yxy	49.7587, 0.3863, 0.4005
Android (android.graphics.Color)	4292130941 (0xFFD4B87D)
YUV	185.6460, -29.8985, 23.1125
Hunter-Lab	70.5398, -1.9979, 27.1236

Details

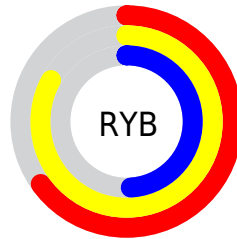
The XYZ color **47.9935, 49.7587, 26.4769** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **31.7319, 31.8947, 66.7710**, and the grayscale version is **46.6231, 49.0511, 53.4166**.

A 20% lighter version of the original color is **80.4360, 86.7945, 54.6331**, and **23.0966, 23.8085, 10.0348** is the 20% darker color. If you saturate the color by 10%, you get **45.3984, 46.5094, 19.6285**, and if you desaturate by 10%, it is **50.9485, 53.2649, 34.8724**.

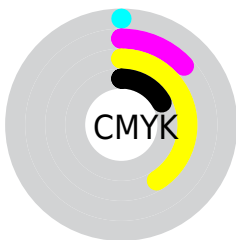
Distribution



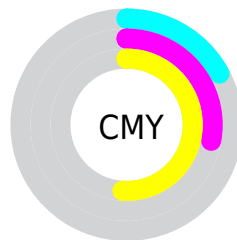
- Red (83%)
- Green (72%)
- Blue (49%)



- Red (65%)
- Yellow (83%)
- Blue (49%)



- Cyan (0%)
- Magenta (13%)
- Yellow (41%)
- Black (17%)



- Cyan (17%)
- Magenta (28%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.9935, 49.7587, 26.4769 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 47.9935, 49.7587, 26.4769 by changing the saturation by 10% instead.

■ 47.9935, 49.7587,
26.4769

■ 47.9935, 49.7587,
26.4769

369.3494,
385.7216, 298.7950

■ 34.0330, 35.2217,
16.9518

■ 86.4045, 89.8173,
55.0368

■ 23.0819, 23.8337,
10.0385

■ 111.5856,
116.1076, 74.9087

■ 14.7750, 15.2103,
5.3186

■ 141.2377,
147.0845, 99.0666

■ 8.7469, 8.9671,
2.3734

175.7261,
183.1324, 127.9290

■ 4.6323, 4.7197,
0.7719

215.4161,
224.6357, 161.9145

■ 2.0657, 2.0838,
0.0000

260.6730,

■ 0.6705, 0.6555,

271.9787, 201.4417

0.0000

311.8624,
325.5458, 246.9290

■ 0.0000, 0.0000,
0.0000

■ 47.9935, 49.7587,
26.4769

■ 47.9935, 49.7587,
26.4769

■ 45.3984, 46.5094,
19.6285

■ 50.9485, 53.2649,
34.8724

■ 43.1400, 43.5008,
14.2260

■ 54.2775, 57.0298,
44.9014

■ 41.1978, 40.7250,
10.1612

■ 57.9984, 61.0637,
56.6474

■ 39.5472, 38.1704,
7.3088

■ 62.1265, 65.3743,
70.1875

■ 38.1588, 35.8239,
5.5197

■ 66.6764, 69.9687,
85.5937

■ 37.0916, 33.8777,
4.5841

■ 71.6619, 74.8539,
102.9344

■ 73.9897, 78.7939,
105.9168

■ 75.9448, 82.7040,
106.5685

■ 77.9752, 86.7648,
107.2453

Harmonies

Analogous

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



54.2364, 49.7587, 30.1191



47.9935, 49.7587, 26.4769



42.0763, 49.7587, 28.7916

Triad

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



47.9935, 49.7587, 26.4769



37.3093, 49.7587, 71.2391



58.1162, 49.7587, 75.4633

Complementary

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



47.9935, 49.7587, 26.4769



31.7319, 31.8947, 66.7710

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.



52.9264, 49.7587, 91.3025



47.9935, 49.7587, 26.4769



40.9712, 49.7587, 88.5090

Square

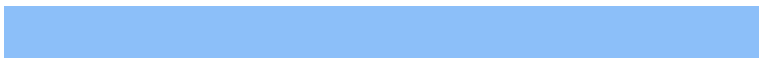
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



47.9935, 49.7587, 26.4769



36.2384, 49.7587, 52.2100



46.6016, 49.7587, 96.5358



60.3967, 49.7587, 56.1964

Rectangle

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



47.9935, 49.7587, 26.4769



39.0431, 49.7587, 33.7593



46.6016, 49.7587, 96.5358



56.6328, 49.7587, 81.5155

Sweetspot

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



47.9947, 49.7610, 26.4779



87.4478, 92.0613, 83.9664



40.3180, 30.9979, 34.4306



18.5521, 19.5280, 17.4436



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.



47.9947, 49.7610, 26.4779



69.5205, 71.3689, 31.2481



50.4023, 60.5055, 28.4249



13.1203, 13.8148, 13.1357



22.9928, 21.1028, 2.8614



1.4603, 1.4197, 0.1971

Inverse Universe

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



31.7319, 31.8947, 66.7710



41.6864, 40.8155, 100.2888



29.9489, 24.9534, 65.5252



12.0656, 12.6546, 15.7442



8.7014, 5.6647, 39.0879



0.5989, 0.4897, 2.3823

Previews

White Background



This preview shows how the XYZ color 47.9935, 49.7587, 26.4769 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 47.9935, 49.7587, 26.4769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

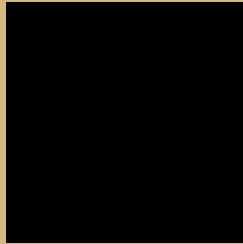
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.9935, 49.7587, 26.4769

Background



This preview shows how black text looks on a background with the XYZ color 47.9935, 49.7587, 26.4769.



This preview shows how white text looks on a background with the XYZ color 47.9935, 49.7587,

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

47.9935, 49.7587, 26.4769

Protanopia

46.1648, 49.7435, 26.9070

Deuteranopia

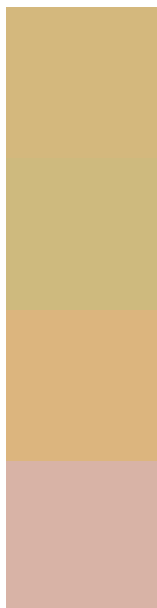
50.6265, 49.5939, 26.6429



Tritanopia

54.0330, 49.8284, 55.4852

Trichromacy



Original Color

47.9935, 49.7587, 26.4769

Protanomaly

46.7784, 49.7460, 26.8751

Deuteranomaly

49.8050, 49.7697, 26.7202

Tritanomaly

51.3219, 49.5923, 42.9437

Monochromacy



Original Color

47.9935, 49.7587, 26.4769

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

46.5555, 48.9804, 42.1224

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.9935, 49.7587, 26.4769 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(212, 184, 125)` looks like.

```
.text, #text, p{  
    color:rgb(212, 184, 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(212, 184, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 184, 125) }
```

Border

The CSS property to change the border of an element to XYZ 47.9935, 49.7587, 26.4769 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(212, 184, 125) }
```


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

```
.border{ border-color:rgb(212, 184, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 184, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 184, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 184, 125);  
box-shadow:4px 4px 4px 4px rgb(212, 184,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 47.9935, 49.7587, 26.4769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 184, 125) }
```

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

```
.background{ background-color: rgb(212,  
184, 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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