

Converting Colors

XYZ(47.8847, 42.7826, 31.3253)

Have a look what the booklet for
XYZ(47.8847, 42.7826, 31.3253)
contains.

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Color

**XYZ(47.8847, 42.7826,
31.3253)**

Conversions

Conversions Part 1

Format	Color
Hex	DFA08E
RGB	223, 160, 142
RGB Percent	87%, 63%, 56%
CMY	0.1255, 0.3725, 0.4431
CMYK	0.00, 0.28, 0.36, 0.13
HSL	13°, 56%, 72%
HSV	13°, 36%, 87%
XYZ	47.8847, 42.7826, 31.3253
YIQ	176.7850, 43.3260, 7.7580

Conversions

Conversions Part 2

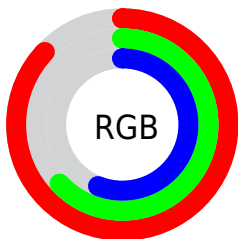
Format	Color
R _Y B	223, 165, 142
Decimal	14655630
CIE Lab	71.41, 21.10, 18.67
CIE LCh	71, 28.174, 41.508
Yxy	42.7826, 0.3925, 0.3507
Android (android.graphics.Color)	4292845710 (0xFFDFA08E)
YUV	176.7850, -17.1490, 40.5306
Hunter-Lab	65.4084, 16.2130, 17.3908

Details

The XYZ color **47.8847, 42.7826, 31.3253** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.3051, 54.7391, 77.9371**, and the grayscale version is **41.7493, 43.9235, 47.8327**.

A 20% lighter version of the original color is **75.5042, 73.8464, 62.4988**, and **23.0202, 19.6048, 12.6960** is the 20% darker color. If you saturate the color by 10%, you get **43.5754, 36.5806, 22.4385**, and if you desaturate by 10%, it is **52.9507, 49.9615, 42.1176**.

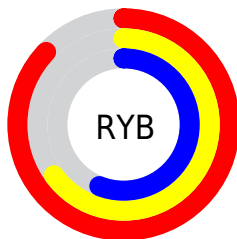
Distribution



Red (87%)

Green (63%)

Blue (56%)



Red (87%)

Yellow (65%)

Blue (56%)

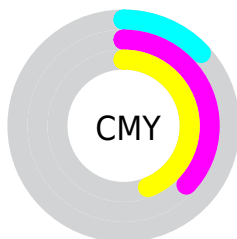


Cyan (0%)

Magenta (28%)

Yellow (36%)

Black (13%)



Cyan (13%)


Magenta (37%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.8847, 42.7826, 31.3253 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 47.8847, 42.7826, 31.3253 by changing the saturation by 10% instead.


 47.8847, 42.7826,
31.3253


 47.8847, 42.7826,
31.3253


368.9251,
357.7169, 322.4317


 33.9465, 29.7146,
20.5861


 86.2434, 79.3827,
62.8374

 23.0152, 19.6220,
12.6335


 111.3947,
103.6836, 84.4475

 14.7255, 12.1206,
7.0489


 141.0142,
132.4975, 110.5182

 8.7120, 6.8259,
3.4138

175.4675,
166.2089, 141.4683

 4.6094, 3.3534,
1.3096

215.1199,
205.2021, 177.7161

 2.0523, 1.3189,
0.0697

260.3368,

 0.6631, 0.1558,

249.8616, 219.6802

0.0000

311.4834,
300.5718, 267.7792

■ 0.0000, 0.0000,
0.0000

■ 47.8847, 42.7826,
31.3253

■ 47.8847, 42.7826,
31.3253

■ 43.5754, 36.5806,
22.4385

■ 52.9507, 49.9615,
42.1176

■ 39.9820, 31.3068,
15.3432

■ 58.8046, 58.1511,
54.9152

■ 37.0650, 26.9175,
9.9169

■ 65.4801, 67.3911,
69.8142

■ 34.7793, 23.3628,
6.0207

■ 73.0078, 77.7171,
86.9035

■ 33.0739, 20.5876,
3.4928

■ 81.4166, 89.1631,
106.2669

■ 31.8879, 18.5292,
2.1313

■ 84.2414, 94.4280,
108.3942

■ 31.5536, 17.9325,
1.7982

Harmonies

Analogous

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



50.2736, 42.7826, 41.5627



47.8847, 42.7826, 31.3253



43.6261, 42.7826, 25.9393

Triad

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



47.8847, 42.7826, 31.3253



32.6112, 42.7826, 38.7782



42.5108, 42.7826, 77.1598

Complementary

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



47.8847, 42.7826, 31.3253



46.3051, 54.7391, 77.9371

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.



37.8383, 42.7826, 76.0124



47.8847, 42.7826, 31.3253



32.3636, 42.7826, 51.9920

Square

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



47.8847, 42.7826, 31.3253



34.9126, 42.7826, 29.6295



34.2076, 42.7826, 66.1310



47.0138, 42.7826, 69.0145

Rectangle

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



47.8847, 42.7826, 31.3253



40.4240, 42.7826, 25.0429



34.2076, 42.7826, 66.1310



40.9041, 42.7826, 77.8846

Sweetspot

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



47.8858, 42.7846, 31.3262



84.2895, 85.1859, 84.6369



51.1785, 39.4639, 62.9629



17.7784, 17.8691, 17.5293



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.



47.8858, 42.7846, 31.3262



60.1375, 51.1465, 32.6099



55.9799, 58.9729, 34.0242



13.9531, 14.1921, 14.3107



18.6223, 10.6826, 1.0804



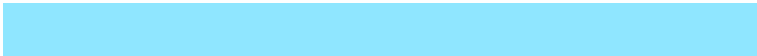
1.3573, 0.8735, 0.0971

Inverse Universe

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



46.3051, 54.7391, 77.9371



57.6566, 69.6688, 105.0163



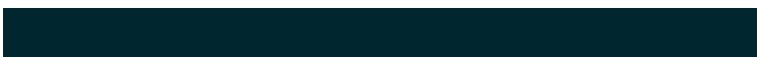
37.9211, 37.9712, 75.1425



13.8446, 15.0284, 17.5588



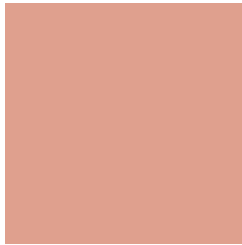
16.7544, 20.9783, 44.2145



1.2258, 1.5830, 3.0862

Previews

White Background



This preview shows how the XYZ color 47.8847, 42.7826, 31.3253 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 47.8847, 42.7826, 31.3253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

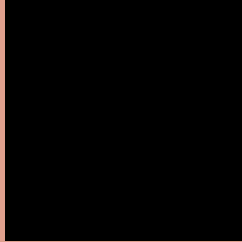
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.8847, 42.7826, 31.3253

Background



This preview shows how black text looks on a background with the XYZ color 47.8847, 42.7826, 31.3253.



This preview shows how white text looks on a background with the XYZ color 47.8847, 42.7826,

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

47.8847, 42.7826, 31.3253

Protanopia

40.5220, 43.0202, 34.6018

Deuteranopia

43.6381, 42.7361, 30.7599



Tritanopia

50.3204, 42.7728, 42.6496

Trichromacy



Original Color

47.8847, 42.7826, 31.3253

Protanomaly

42.8517, 42.8305, 33.2027

Deuteranomaly

45.1268, 42.6822, 31.0594

Tritanomaly

49.3663, 42.6247, 38.4264

Monochromacy



Original Color

47.8847, 42.7826, 31.3253

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

43.5119, 43.2755, 41.1816

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.8847, 42.7826, 31.3253 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, 160, 142)` looks like.

```
.text, #text, p{  
    color:rgb(223, 160, 142)  
}
```

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, 160, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 160, 142) }
```

Border

The CSS property to change the border of an element to XYZ 47.8847, 42.7826, 31.3253 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, 160, 142) }
```


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

```
.border{ border-color:rgb(223, 160, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 160, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 160, 142); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 160, 142); box-shadow:4px 4px 4px 4px rgb(223, 160, 142) }
```

Background

The CSS property to change the background color of an element to XYZ 47.8847, 42.7826, 31.3253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 160, 142) }
```

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

```
.background{ background-color: rgb(223,  
160, 142) }
```

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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