

Converting Colors

XYZ(41.3492, 31.8866, 26.8971)

Have a look what the booklet for
XYZ(41.3492, 31.8866, 26.8971)
contains.

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Color

**XYZ(41.3492, 31.8866,
26.8971)**

Conversions

Conversions Part 1

Format	Color
Hex	DC7E87
RGB	220, 126, 135
RGB Percent	86%, 49%, 53%
CMY	0.1373, 0.5059, 0.4706
CMYK	0.00, 0.43, 0.39, 0.14
HSL	354°, 57%, 68%
HSV	354°, 43%, 86%
XYZ	41.3492, 31.8866, 26.8971
YIQ	155.1320, 53.1350, 22.7270

Conversions

Conversions Part 2

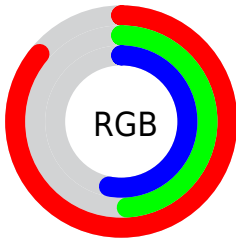
Format	Color
R _Y B	220, 126, 135
Decimal	14450311
CIE Lab	63.25, 37.27, 11.15
CIE LCh	63, 38.901, 16.649
Yxy	31.8866, 0.4129, 0.3184
Android (android.graphics.Color)	4292640391 (0xFFDC7E87)
YUV	155.1320, -9.9251, 56.8892
Hunter-Lab	56.4682, 31.8883, 11.2866

Details

The XYZ color **41.3492, 31.8866, 26.8971** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **45.9567, 60.3258, 70.8531**, and the grayscale version is **31.2411, 32.8680, 35.7933**.

A 20% lighter version of the original color is **66.6384, 57.5334, 55.1698**, and **19.0561, 13.3694, 10.1705** is the 20% darker color. If you saturate the color by 10%, you get **37.5667, 26.3577, 19.3593**, and if you desaturate by 10%, it is **46.0137, 38.7604, 36.0208**.

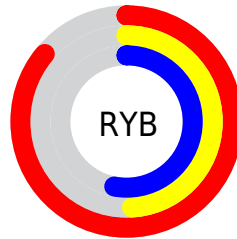
Distribution



Red (86%)

Green (49%)

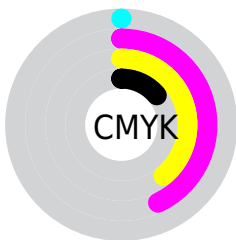
Blue (53%)



Red (86%)

Yellow (49%)

Blue (53%)

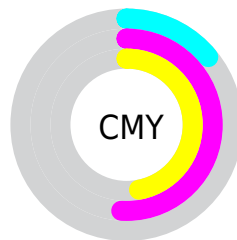


Cyan (0%)

Magenta (43%)

Yellow (39%)

Black (14%)



Cyan (14%)


Magenta (51%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.3492, 31.8866, 26.8971 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 41.3492, 31.8866, 26.8971 by changing the saturation by 10% instead.


 41.3492, 31.8866,
26.8971


 41.3492, 31.8866,
26.8971

342.8157,
310.6024, 300.9029


 28.7809, 21.2749,
17.2642


 76.4851, 62.6333,
55.7204

 19.0586, 13.3251,
10.2591


 99.7834, 83.5370,
75.7479

 11.8169, 7.6528,
5.4632


 127.3891,
108.6403, 100.0774

 6.6904, 3.8736,
2.4581

159.6675,
138.3274, 129.1274

 3.3139, 1.6031,
0.8178

196.9840,
172.9827, 163.3164

 1.3218, 0.3597,
0.0000

239.7040,

 0.1995, 0.0000,

212.9908, 203.0629

0.0000

288.1927,
258.7358, 248.7856

■ 0.0000, 0.0000,
0.0000

■ 41.3492, 31.8866,
26.8971

■ 41.3492, 31.8866,
26.8971

■ 37.5667, 26.3577,
19.3593

■ 46.0137, 38.7604,
36.0208

■ 34.6081, 22.0812,
13.3151

■ 51.6083, 47.0543,
46.8119

■ 32.4122, 18.9603,
8.6651


■ 58.1809, 56.8435,
59.3486


■ 30.9082, 16.8821,
5.2973


■ 65.7750, 68.1965,
73.7037

■ 30.0118, 15.7109,
3.0822

■ 74.4319, 81.1778,
89.9455

 29.6510, 15.2700,
2.0967

 83.2237, 93.9150,
107.8171

 83.3252, 93.9556,
108.3513

Harmonies

Analogous

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



41.5392, 31.8866, 42.0266



41.3492, 31.8866, 26.8971



37.9852, 31.8866, 17.3119

Triad

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



41.3492, 31.8866, 26.8971



23.3843, 31.8866, 18.0820



27.9786, 31.8866, 72.3020

Complementary

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



41.3492, 31.8866, 26.8971



45.9567, 60.3258, 70.8531

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.



23.7406, 31.8866, 61.0546



41.3492, 31.8866, 26.8971



21.3078, 31.8866, 28.3119

Square

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



41.3492, 31.8866, 26.8971



27.4364, 31.8866, 13.3533



21.4300, 31.8866, 43.9272



33.3717, 31.8866, 71.5840

Rectangle

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



41.3492, 31.8866, 26.8971



34.5993, 31.8866, 13.9902



21.4300, 31.8866, 43.9272



26.3857, 31.8866, 69.6805

Sweetspot

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



41.3500, 31.8882, 26.8977



80.9151, 78.8604, 82.2070



47.1295, 33.8805, 71.7656



16.8583, 16.1920, 16.7196



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.



41.3500, 31.8882, 26.8977



53.1111, 37.7321, 28.2997



46.4861, 43.1314, 25.6158



13.1064, 13.0717, 13.8216



17.4202, 8.9691, 1.3269



1.1463, 0.5881, 0.1792

Inverse Universe

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



41.3500, 31.8882, 26.8977



53.1111, 37.7321, 28.2997



38.3338, 43.2243, 74.0328



13.1064, 13.0717, 13.8216



17.4202, 8.9691, 1.3269



1.1463, 0.5881, 0.1792

Previews

White Background



This preview shows how the XYZ color 41.3492, 31.8866, 26.8971 looks on a white background.

Color Contrast Check

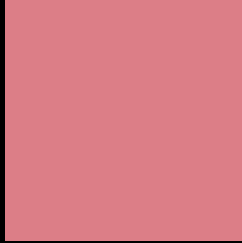
Large Text (above 18pt) WCAG AA × Fail

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 41.3492, 31.8866, 26.8971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

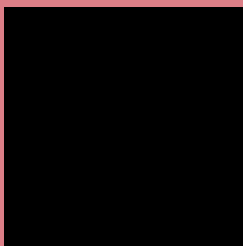
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.3492, 31.8866, 26.8971

Background



This preview shows how black text looks on a background with the XYZ color 41.3492, 31.8866, 26.8971.



This preview shows how white text looks on a background with the XYZ color 41.3492, 31.8866,

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

41.3492, 31.8866, 26.8971

Protanopia

30.7207, 32.1205, 33.0145

Deuteranopia

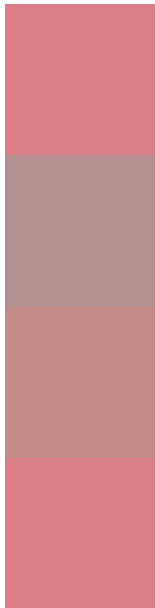
32.5911, 32.0486, 25.9410



Tritanopia

41.3492, 31.8866, 26.8971

Trichromacy



Original Color

41.3492, 31.8866, 26.8971

Protanomaly

33.6789, 31.3618, 30.6639

Deuteranomaly

35.2812, 31.6286, 26.0752

Tritanomaly

41.3492, 31.8866, 26.8971

Monochromacy



Original Color

41.3492, 31.8866, 26.8971

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

33.9090, 31.6683, 32.3424

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3492, 31.8866, 26.8971 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(220, 126, 135)` looks like.

```
.text, #text, p{  
    color:rgb(220, 126, 135)  
}
```

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(220, 126, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 126, 135) }
```

Border

The CSS property to change the border of an element to XYZ 41.3492, 31.8866, 26.8971 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(220, 126, 135) }
```


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

```
.border{ border-color:rgb(220, 126, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 126, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 126, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 126, 135);  
box-shadow:4px 4px 4px 4px rgb(220, 126,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3492, 31.8866, 26.8971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 126, 135) }
```

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

```
.background{ background-color: rgb(220,  
126, 135) }
```

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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