

Converting Colors

XYZ(41.2367, 31.1080, 25.8280)

Have a look what the booklet for
XYZ(41.2367, 31.1080, 25.8280)
contains.

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Color

**XYZ(41.2486, 31.1146,
25.6615)**

Conversions

Conversions Part 1

Format	Color
Hex	DE7A84
RGB	222, 122, 132
RGB Percent	87%, 48%, 52%
CMY	0.1294, 0.5215, 0.4823
CMYK	0.00, 0.45, 0.41, 0.13
HSL	354°, 60%, 67%
HSV	354°, 45%, 87%
XYZ	41.2486, 31.1146, 25.6615
YIQ	153.0400, 56.3900, 24.3100

Conversions

Conversions Part 2

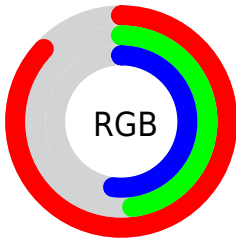
Format	Color
RYB	222, 122, 132
Decimal	14580356
CIELab	62.60, 39.74, 11.99
CIElCh	63, 41.510, 16.783
Yxy	31.1146, 0.4208, 0.3174
Android (android.graphics.Color)	4292770436 (0xFFDE7A84)
YUV	153.0400, -10.3727, 60.4779
Hunter-Lab	55.7805, 34.3816, 11.7703

Details

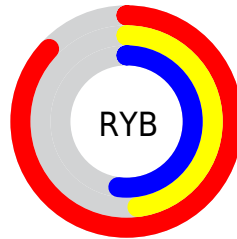
The XYZ color **41.2486, 31.1146, 25.6615** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **46.0325, 61.1343, 71.6648**, and the grayscale version is **30.3231, 31.9022, 34.7415**.

A 20% lighter version of the original color is **65.5223, 55.8135, 53.2186**, and **19.0613, 12.8974, 9.6684** is the 20% darker color. If you saturate the color by 10%, you get **37.5885, 25.7771, 18.3294**, and if you desaturate by 10%, it is **45.7947, 37.8051, 34.5815**.

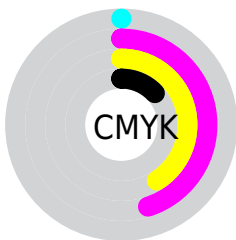
Distribution



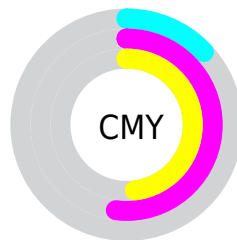
- Red (87%)
- Green (48%)
- Blue (52%)



- Red (87%)
- Yellow (48%)
- Blue (52%)



- Cyan (0%)
- Magenta (45%)
- Yellow (41%)
- Black (13%)





- Cyan (13%)
- Magenta (52%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.2486, 31.1146, 25.6615 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 41.2486, 31.1146, 25.6615 by changing the saturation by 10% instead.


 41.2486, 31.1146,
25.6615


 41.2486, 31.1146,
25.6615

342.4034,
307.0659, 294.6688


 28.7019, 20.6861,
16.3471


 76.3335, 61.4205,
53.7057

 18.9986, 12.8948,
9.6131


 99.6023, 82.0666,
73.2726

 11.7733, 7.3561,
5.0410


 127.1760,
106.8875, 97.0941

 6.6606, 3.6858,
2.2121

159.4198,
136.2674, 125.5886

 3.2952, 1.4994,
0.6814

196.6991,
170.5909, 159.1749

 1.3117, 0.2883,
0.0000

239.3792,

 0.1920, 0.0000,

210.2421, 198.2713

0.0000

287.8255,
255.6057, 243.2964

■ 0.0000, 0.0000,
0.0000

■ 41.2486, 31.1146,
25.6615

■ 41.2486, 31.1146,
25.6615

■ 37.5885, 25.7771,
18.3294

■ 45.7947, 37.8051,
34.5815

■ 34.7542, 21.6960,
12.4901

■ 51.2772, 45.9271,
45.1733

■ 32.6813, 18.7694,
8.0411


■ 57.7454, 55.5589,
57.5171


■ 31.2953, 16.8774,
4.8661


■ 65.2446, 66.7716,
71.6873

■ 30.5059, 15.8739,
2.8295

■ 73.8170, 79.6318,
87.7540

 30.2708, 15.5882,
2.1821

 83.4370, 94.0707,
105.7616

 83.9342, 94.2696,
108.3798

Harmonies

Analogous

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



41.4675, 31.1146, 41.5063



41.2486, 31.1146, 25.6615



37.6586, 31.1146, 15.8793

Triad

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



41.2486, 31.1146, 25.6615



22.3383, 31.1146, 16.7201



27.1572, 31.1146, 74.1182

Complementary

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



41.2486, 31.1146, 25.6615



46.0325, 61.1343, 71.6648

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.



22.7373, 31.1146, 62.0054



41.2486, 31.1146, 25.6615



20.2037, 31.1146, 27.2476

Square

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



41.2486, 31.1146, 25.6615



26.5447, 31.1146, 11.9600



20.3397, 31.1146, 43.6854



32.8244, 31.1146, 73.2767

Rectangle

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



41.2486, 31.1146, 25.6615



34.0688, 31.1146, 12.5670



20.3397, 31.1146, 43.6854



25.4921, 31.1146, 71.2960

Sweetspot

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



41.2494, 31.1162, 25.6621



79.9514, 77.4003, 80.4449



47.2967, 33.1917, 73.0210



16.6694, 15.9051, 16.3764



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.



41.2494, 31.1162, 25.6621



51.7373, 35.6930, 25.6579



46.5584, 42.7769, 24.2173



13.7626, 13.7227, 14.5201



17.9990, 9.2666, 1.3947



1.2668, 0.6500, 0.1978

Inverse Universe

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



41.2494, 31.1162, 25.6621



51.7373, 35.6930, 25.6579



37.9402, 42.8689, 75.3821



13.7626, 13.7227, 14.5201



17.9990, 9.2666, 1.3947



1.2668, 0.6500, 0.1978

Previews

White Background



This preview shows how the XYZ color 41.2486, 31.1146, 25.6615 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 41.2486, 31.1146, 25.6615 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 41.2486, 31.1146, 25.6615

Background



This preview shows how black text looks on a background with the XYZ color 41.2486, 31.1146, 25.6615.



This preview shows how white text looks on a background with the XYZ color 41.2486, 31.1146,

25.6615.

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

41.2486, 31.1146, 25.6615

Protanopia

30.0434, 31.3077, 32.0633

Deuteranopia

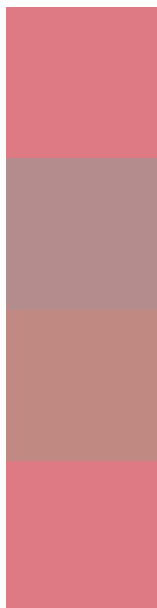
31.8544, 31.2302, 24.7712



Tritanopia

41.1805, 31.0874, 25.3027

Trichromacy



Original Color

41.2486, 31.1146, 25.6615

Protanomaly

33.0830, 30.4125, 29.7177

Deuteranomaly

34.6463, 30.6828, 24.8652

Tritanomaly

41.1805, 31.0874, 25.3027

Monochromacy



Original Color

41.2486, 31.1146, 25.6615

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

33.1439, 30.8553, 30.9969

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2486, 31.1146, 25.6615 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(222, 122, 132)` looks like.

```
.text, #text, p{  
    color:rgb(222, 122, 132)  
}
```

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(222, 122, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 122, 132) }
```

Border

The CSS property to change the border of an element to XYZ 41.2486, 31.1146, 25.6615 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(222, 122, 132) }
```


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

```
.border{ border-color:rgb(222, 122, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 122, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 122, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 122, 132);  
box-shadow:4px 4px 4px 4px rgb(222, 122,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2486, 31.1146, 25.6615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 122, 132) }
```

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

```
.background{ background-color: rgb(222,  
122, 132) }
```

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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