

Converting Colors

XYZ(41.8126, 31.9035, 28.3803)

Have a look what the booklet for
XYZ(41.8126, 31.9035, 28.3803)
contains.

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Color

**XYZ(41.8126, 31.9035,
28.3803)**

Conversions

Conversions Part 1

Format	Color
Hex	DD7D8B
RGB	221, 125, 139
RGB Percent	87%, 49%, 55%
CMY	0.1333, 0.5098, 0.4549
CMYK	0.00, 0.43, 0.37, 0.13
HSL	351°, 59%, 68%
HSV	351°, 43%, 87%
XYZ	41.8126, 31.9035, 28.3803
YIQ	155.3000, 52.7220, 24.7060

Conversions

Conversions Part 2

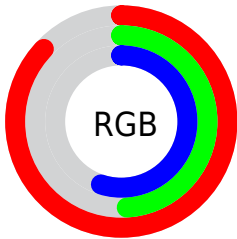
Format	Color
R_{YB}	221, 125, 139
Decimal	14515595
CIE Lab	63.26, 38.62, 8.90
CIE LCh	63, 39.633, 12.983
Yxy	31.9035, 0.4095, 0.3125
Android (android.graphics.Color)	4292705675 (0xFFDD7D8B)
YUV	155.3000, -8.0359, 57.6189
Hunter-Lab	56.4832, 33.2920, 9.7476

Details

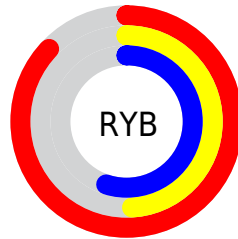
The XYZ color **41.8126, 31.9035, 28.3803** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **45.5780, 60.5786, 68.3256**, and the grayscale version is **31.3076, 32.9381, 35.8696**.

A 20% lighter version of the original color is **66.8745, 57.3060, 57.4057**, and **19.2900, 13.2729, 10.9964** is the 20% darker color. If you saturate the color by 10%, you get **38.0573, 26.4131, 20.9008**, and if you desaturate by 10%, it is **46.4302, 38.7371, 37.3230**.

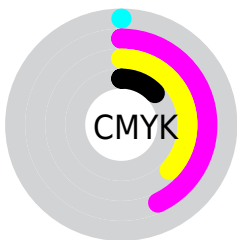
Distribution



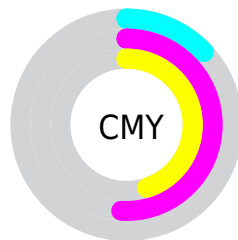
- Red (87%)
- Green (49%)
- Blue (55%)



- Red (87%)
- Yellow (49%)
- Blue (55%)



- Cyan (0%)
- Magenta (43%)
- Yellow (37%)
- Black (13%)





- Cyan (13%)
- Magenta (51%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.8126, 31.9035, 28.3803 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 41.8126, 31.9035, 28.3803 by changing the saturation by 10% instead.


 41.8126, 31.9035,
28.3803


 41.8126, 31.9035,
28.3803


344.7104,
310.6794, 308.2486


 29.1450, 21.2878,
18.3710


 77.1829, 62.6598,
58.1214

 19.3354, 13.3345,
11.0445

 100.6163, 83.5691,
78.6903

 12.0183, 7.6593,
5.9822


 128.3691,
108.6785, 103.6162

 6.8284, 3.8777,
2.7657

160.8065,
138.3723, 133.3175

 3.4004, 1.6054,
0.9763

198.2940,
173.0349, 168.2129

 1.3689, 0.3612,
0.0000

241.1969,

 0.2339, 0.0000,

213.0507, 208.7209

0.0000

289.8806,
258.8041, 255.2599

■ 0.0000, 0.0000,
0.0000

■ 41.8126, 31.9035,
28.3803

■ 41.8126, 31.9035,
28.3803

■ 38.0573, 26.4131,
20.9008

■ 46.4302, 38.7371,
37.3230

■ 35.1078, 22.1727,
14.8042

■ 51.9568, 46.9896,
47.7996

■ 32.9047, 19.0848,
10.0054


■ 58.4388, 56.7364,
59.8783


■ 31.3791, 17.0353,
6.4088


■ 65.9186, 68.0466,
73.6227

■ 30.4489, 15.8865,
3.9050

■ 74.4363, 80.9848,
89.0928

 30.0825, 15.4776,
2.7841

 83.1922, 93.9375,
106.0667

 83.6288, 94.1121,
108.3655

Harmonies

Analogous

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



41.5749, 31.9035, 44.3541



41.8126, 31.9035, 28.3803



38.7170, 31.9035, 17.9378

Triad

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



41.8126, 31.9035, 28.3803



23.6826, 31.9035, 16.9870



27.3387, 31.9035, 72.3920

Complementary

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



41.8126, 31.9035, 28.3803



45.5780, 60.5786, 68.3256

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.



23.2399, 31.9035, 59.6855



41.8126, 31.9035, 28.3803



21.3104, 31.9035, 26.6222

Square

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



41.8126, 31.9035, 28.3803



28.0137, 31.9035, 12.8260



21.1588, 31.9035, 41.9795



32.7565, 31.9035, 73.2939

Rectangle

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



41.8126, 31.9035, 28.3803



35.3740, 31.9035, 14.1701



21.1588, 31.9035, 41.9795



25.7778, 31.9035, 69.2174

Sweetspot

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



41.8134, 31.9051, 28.3809



81.1428, 78.9515, 83.4062



46.0063, 33.0973, 72.3702



16.9137, 16.2142, 17.0112



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.



41.8134, 31.9051, 28.3809



53.1111, 37.2224, 29.8709



45.8510, 41.5133, 25.0004



13.1330, 13.0823, 13.9616



17.5007, 9.0013, 1.7506



1.1589, 0.5932, 0.2456

Inverse Universe

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



41.8134, 31.9051, 28.3809



53.1111, 37.2224, 29.8709



39.3653, 45.2924, 75.0741



13.1330, 13.0823, 13.9616



17.5007, 9.0013, 1.7506



1.1589, 0.5932, 0.2456

Previews

White Background



This preview shows how the XYZ color 41.8126, 31.9035, 28.3803 looks on a white background.

Color Contrast Check

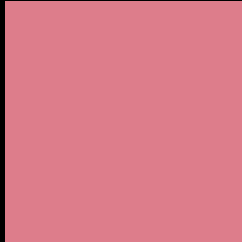
Large Text (above 18pt) WCAG AA × Fail

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 41.8126, 31.9035, 28.3803 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 41.8126, 31.9035, 28.3803

Background



This preview shows how black text looks on a background with the XYZ color 41.8126, 31.9035, 28.3803.



This preview shows how white text looks on a background with the XYZ color 41.8126, 31.9035,

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

41.8126, 31.9035, 28.3803

Protanopia

30.9343, 32.1835, 35.1535

Deuteranopia

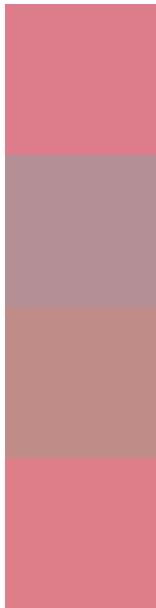
32.6423, 32.0430, 27.3862



Tritanopia

41.6528, 32.0431, 26.9113

Trichromacy



Original Color

41.8126, 31.9035, 28.3803

Protanomaly

34.0697, 31.5181, 32.7217

Deuteranomaly

35.5602, 31.7402, 27.5448

Tritanomaly

41.7236, 32.0714, 27.2839

Monochromacy



Original Color

41.8126, 31.9035, 28.3803

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

33.9885, 31.7001, 32.7611

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.8126, 31.9035, 28.3803 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(221, 125, 139)` looks like.

```
.text, #text, p{  
    color:rgb(221, 125, 139)  
}
```

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(221, 125, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 125, 139) }
```

Border

The CSS property to change the border of an element to XYZ 41.8126, 31.9035, 28.3803 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(221, 125, 139) }
```


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

```
.border{ border-color:rgb(221, 125, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 125, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 125, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 125, 139);  
box-shadow:4px 4px 4px 4px rgb(221, 125,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 41.8126, 31.9035, 28.3803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 125, 139) }
```

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

```
.background{ background-color: rgb(221,  
125, 139) }
```

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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