

Converting Colors

XYZ(41.3822, 31.8785, 28.1893)

Have a look what the booklet for
XYZ(41.3822, 31.8785, 28.1893)
contains.

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Color

**XYZ(41.2617, 31.8168,
28.0113)**

Conversions

Conversions Part 1

Format	Color
Hex	DB7E8A
RGB	219, 126, 138
RGB Percent	86%, 49%, 54%
CMY	0.1412, 0.5059, 0.4588
CMYK	0.00, 0.42, 0.37, 0.14
HSL	352°, 56%, 68%
HSV	352°, 42%, 86%
XYZ	41.2617, 31.8168, 28.0113
YIQ	155.1750, 51.5760, 23.4480

Conversions

Conversions Part 2

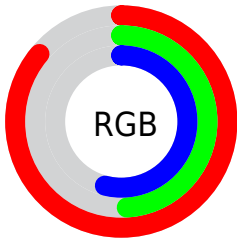
Format	Color
R_{YB}	219, 126, 138
Decimal	14384778
CIE _{Lab}	63.19, 37.25, 9.34
CIE _{LCh}	63, 38.404, 14.070
Yxy	31.8168, 0.4082, 0.3147
Android (android.graphics.Color)	4292574858 (0xFFDB7E8A)
YUV	155.1750, -8.4673, 55.9745
Hunter-Lab	56.4064, 31.8629, 10.0412

Details

The XYZ color **41.2617, 31.8168, 28.0113** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **45.1997, 59.6043, 68.1573**, and the grayscale version is **31.2544, 32.8821, 35.8086**.

A 20% lighter version of the original color is **66.9652, 57.6641, 56.8910**, and **18.9755, 13.3138, 10.8022** is the 20% darker color. If you saturate the color by 10%, you get **37.4997, 26.3122, 20.5317**, and if you desaturate by 10%, it is **45.8809, 38.6474, 36.9739**.

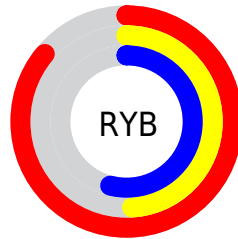
Distribution



Red (86%)

Green (49%)

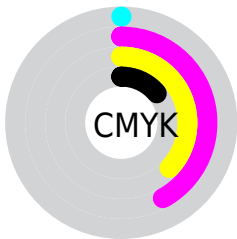
Blue (54%)



Red (86%)

Yellow (49%)

Blue (54%)

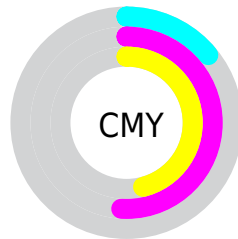


Cyan (0%)

Magenta (42%)

Yellow (37%)

Black (14%)



Cyan (14%)

Magenta (51%)

Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.2617, 31.8168, 28.0113 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 41.2617, 31.8168, 28.0113 by changing the saturation by 10% instead.


 41.2617, 31.8168,
28.0113


 41.2617, 31.8168,
28.0113

342.4571,
310.2839, 306.4345


 28.7122, 21.2216,
18.0951


 76.3532, 62.5238,
57.5258

 19.0064, 13.2861,
10.8481


 99.6259, 83.4044,
77.9611

 11.7789, 7.6258,
5.8519


 127.2038,
108.4822, 102.7399

 6.6645, 3.8565,
2.6879

159.4521,
138.1417, 132.2807

 3.2976, 1.5936,
0.9373

196.7362,
172.7672, 167.0020

 1.3130, 0.3533,
0.0000

239.4215,

 0.1929, 0.0000,

212.7431, 207.3224

0.0000

287.8734,
258.4539, 253.6604

■ 0.0000, 0.0000,
0.0000

■ 41.2617, 31.8168,
28.0113

■ 41.2617, 31.8168,
28.0113

■ 37.4997, 26.3122,
20.5317

■ 45.8809, 38.6474,
36.9739

■ 34.5393, 22.0430,
14.4530

■ 51.4033, 46.8775,
47.4919

■ 32.3221, 18.9147,
9.6878


■ 57.8746, 56.5809,
59.6351


■ 30.7808, 16.8169,
6.1380


■ 65.3366, 67.8246,
73.4686

■ 29.8354, 15.6175,
3.6915

■ 73.8288, 80.6718,
89.0536

 29.4259, 15.1451,
2.4866

 82.6159, 93.6370,
106.1913

 83.0234, 93.8000,
108.3372

Harmonies

Analogous

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



41.1563, 31.8168, 43.3016



41.2617, 31.8168, 28.0113



38.1835, 31.8168, 18.0291

Triad

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



41.2617, 31.8168, 28.0113



23.6825, 31.8168, 17.5984



27.5250, 31.8168, 71.0415

Complementary

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



41.2617, 31.8168, 28.0113



45.1997, 59.6043, 68.1573

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.



23.4840, 31.8168, 59.2126



41.2617, 31.8168, 28.0113



21.4493, 31.8168, 27.2233

Square

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



41.2617, 31.8168, 28.0113



27.8267, 31.8168, 13.3203



21.3812, 31.8168, 42.2468



32.7908, 31.8168, 71.4386

Rectangle

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



41.2617, 31.8168, 28.0113



34.9274, 31.8168, 14.4428



21.3812, 31.8168, 42.2468



25.9936, 31.8168, 68.1437

Sweetspot

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



41.2625, 31.8184, 28.0119



81.0662, 78.9208, 83.0026



45.8685, 33.2458, 71.0172



16.8950, 16.2067, 16.9130



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.



41.2625, 31.8184, 28.0119



53.4291, 37.8593, 29.9743



45.5685, 41.7442, 25.3965



13.1241, 13.0787, 13.9145



17.4705, 8.9893, 1.5920



1.1546, 0.5915, 0.2233

Inverse Universe

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



41.2625, 31.8184, 28.0119



53.4291, 37.8593, 29.9743



38.7198, 44.2076, 73.5099



13.1241, 13.0787, 13.9145



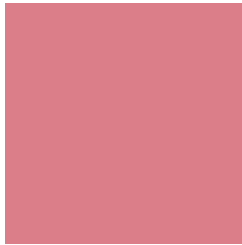
17.4705, 8.9893, 1.5920



1.1546, 0.5915, 0.2233

Previews

White Background



This preview shows how the XYZ color 41.2617, 31.8168, 28.0113 looks on a white background.

Color Contrast Check

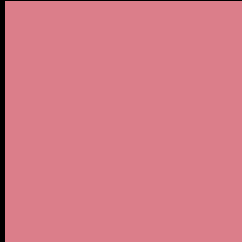
Large Text (above 18pt) WCAG AA × Fail

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 41.2617, 31.8168, 28.0113 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 41.2617, 31.8168, 28.0113

Background



This preview shows how black text looks on a background with the XYZ color 41.2617, 31.8168, 28.0113.



This preview shows how white text looks on a background with the XYZ color 41.2617, 31.8168,

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

41.2617, 31.8168, 28.0113

Protanopia

30.7690, 32.1174, 34.2833

Deuteranopia

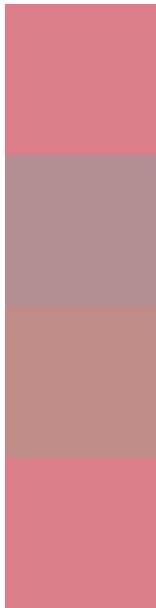
32.5722, 32.0150, 27.0170



Tritanopia

41.1182, 31.7594, 27.2556

Trichromacy



Original Color

41.2617, 31.8168, 28.0113

Protanomaly

33.6793, 31.3352, 31.8770

Deuteranomaly

35.2371, 31.5818, 27.1604

Tritanomaly

41.1896, 31.7879, 27.6317

Monochromacy



Original Color

41.2617, 31.8168, 28.0113

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

33.7582, 31.5814, 32.7503

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2617, 31.8168, 28.0113 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(219, 126, 138)` looks like.

```
.text, #text, p{  
    color:rgb(219, 126, 138)  
}
```

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(219, 126, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 126, 138) }
```

Border

The CSS property to change the border of an element to XYZ 41.2617, 31.8168, 28.0113 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(219, 126, 138) }
```


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

```
.border{ border-color:rgb(219, 126, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 126, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 126, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 126, 138);  
box-shadow:4px 4px 4px 4px rgb(219, 126,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2617, 31.8168, 28.0113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 126, 138) }
```

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

```
.background{ background-color: rgb(219,  
126, 138) }
```

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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