

Converting Colors

XYZ(41.7870, 31.4356, 27.8415)

Have a look what the booklet for
XYZ(41.7870, 31.4356, 27.8415)
contains.

XYZ(41.7946, 31.5305, 27.9279)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(41.7946, 31.5305,
27.9279)**

Conversions

Conversions Part 1

Format	Color
Hex	DE7B8A
RGB	222, 123, 138
RGB Percent	87%, 48%, 54%
CMY	0.1294, 0.5176, 0.4588
CMYK	0.00, 0.45, 0.38, 0.13
HSL	351°, 60%, 68%
HSV	351°, 45%, 87%
XYZ	41.7946, 31.5305, 27.9279
YIQ	154.3110, 54.1890, 25.6530

Conversions

Conversions Part 2

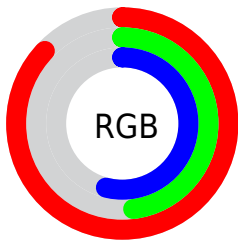
Format	Color
RYB	222, 123, 138
Decimal	14580618
CIELab	62.95, 39.90, 9.05
CIElCh	63, 40.916, 12.782
Yxy	31.5305, 0.4128, 0.3114
Android (android.graphics.Color)	4292770698 (0xFFDE7B8A)
YUV	154.3110, -8.0413, 59.3633
Hunter-Lab	56.1520, 34.5936, 9.8178

Details

The XYZ color **41.7946, 31.5305, 27.9279** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **45.5537, 60.9592, 68.4004**, and the grayscale version is **30.8702, 32.4779, 35.3684**.

A 20% lighter version of the original color is **66.3661, 56.4659, 56.6913**, and **19.3245, 13.1036, 10.7432** is the 20% darker color. If you saturate the color by 10%, you get **38.0987, 26.1352, 20.5408**, and if you desaturate by 10%, it is **46.3531, 38.2723, 36.7701**.

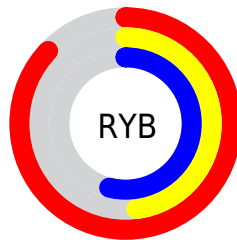
Distribution



Red (87%)

Green (48%)

Blue (54%)



Red (87%)

Yellow (48%)

Blue (54%)

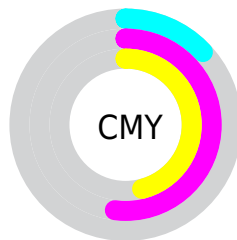


Cyan (0%)

Magenta (45%)

Yellow (38%)

Black (13%)



Cyan (13%)


Magenta (52%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.7946, 31.5305, 27.9279 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 41.7946, 31.5305, 27.9279 by changing the saturation by 10% instead.


 41.7946, 31.5305,
27.9279


 41.7946, 31.5305,
27.9279


344.6369,
308.9749, 306.0233


 29.1309, 21.0031,
18.0327


 77.1558, 62.0743,
57.3910

 19.3246, 13.1263,
10.8038


 100.5840, 82.8596,
77.7961

 12.0105, 7.5156,
5.8226


 128.3310,
107.8330, 102.5415

 6.8231, 3.7866,
2.6705

160.7623,
137.3788, 132.0459

 3.3970, 1.5549,
0.9285

198.2432,
171.8815, 166.7277

 1.3670, 0.3269,
0.0000

241.1390,

 0.2326, 0.0000,

211.7255, 207.0055

0.0000

289.8151,
257.2952, 253.2979

■ 0.0000, 0.0000,
0.0000

■ 41.7946, 31.5305,
27.9279

■ 41.7946, 31.5305,
27.9279

■ 38.0987, 26.1352,
20.5408

■ 46.3531, 38.2723,
36.7701

■ 35.2079, 21.9914,
14.5286

■ 51.8219, 46.4379,
47.1383

■ 33.0617, 18.9989,
9.8056


■ 58.2478, 56.1043,
59.1007


■ 31.5896, 17.0405,
6.2759


■ 65.6741, 67.3417,
72.7210

■ 30.7069, 15.9731,
3.8293

■ 74.1410, 80.2157,
88.0593

 30.4076, 15.6429,
2.9020

 83.3007, 94.0162,
105.0441

 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.



41.5248, 31.5305, 44.3347



41.7946, 31.5305, 27.9279



38.6230, 31.5305, 17.3055

Triad

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



41.7946, 31.5305, 27.9279



23.2102, 31.5305, 16.2541



26.8816, 31.5305, 73.2031

Complementary

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



41.7946, 31.5305, 27.9279



45.5537, 60.9592, 68.4004

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.



22.7148, 31.5305, 59.9422



41.7946, 31.5305, 27.9279



20.7842, 31.5305, 25.9587

Square

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



41.7946, 31.5305, 27.9279



27.6404, 31.5305, 12.1261



20.6150, 31.5305, 41.6457



32.4244, 31.5305, 74.2356

Rectangle

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



41.7946, 31.5305, 27.9279



35.1897, 31.5305, 13.5048



20.6150, 31.5305, 41.6457



25.2917, 31.5305, 69.8745

Sweetspot

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



41.7954, 31.5321, 27.9285



81.1688, 78.9618, 83.5430



45.5838, 32.4919, 72.9762



16.9200, 16.2167, 17.0445



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.



41.7954, 31.5321, 27.9285



52.2351, 35.8921, 28.2793



45.5889, 40.7382, 24.2014



13.7914, 13.7342, 14.6719



18.0870, 9.3018, 1.8580



1.2805, 0.6555, 0.2698

Inverse Universe

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



41.7954, 31.5321, 27.9285



52.2351, 35.8921, 28.2793



39.5521, 45.8814, 75.8786



13.7914, 13.7342, 14.6719



18.0870, 9.3018, 1.8580



1.2805, 0.6555, 0.2698

Previews

White Background



This preview shows how the XYZ color 41.7946, 31.5305, 27.9279 looks on a white background.

Color Contrast Check

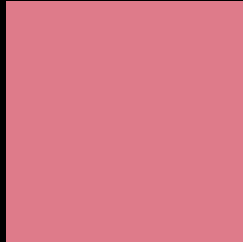
Large Text (above 18pt) WCAG AA × Fail

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 41.7946, 31.5305, 27.9279 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 41.7946, 31.5305, 27.9279

Background



This preview shows how black text looks on a background with the XYZ color 41.7946, 31.5305, 27.9279.



This preview shows how white text looks on a background with the XYZ color 41.7946, 31.5305,

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

41.7946, 31.5305, 27.9279

Protanopia

30.5785, 31.7581, 35.0901

Deuteranopia

32.1924, 31.5873, 26.9545



Tritanopia

41.5655, 31.6384, 26.1064

Trichromacy



Original Color

41.7946, 31.5305, 27.9279

Protanomaly

33.4606, 30.7716, 32.1929

Deuteranomaly

34.9475, 31.0026, 27.0638

Tritanomaly

41.7050, 31.6942, 26.8412

Monochromacy



Original Color

41.7946, 31.5305, 27.9279

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

33.7582, 31.3667, 32.2921

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.7946, 31.5305, 27.9279 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, 123, 138)` looks like.

```
.text, #text, p{  
    color:rgb(222, 123, 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(222, 123, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 123, 138) }
```

Border

The CSS property to change the border of an element to XYZ 41.7946, 31.5305, 27.9279 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, 123, 138) }
```


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

```
.border{ border-color:rgb(222, 123, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 123, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 123, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 123, 138);  
box-shadow:4px 4px 4px 4px rgb(222, 123,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 41.7946, 31.5305, 27.9279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 123, 138) }
```

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

```
.background{ background-color: rgb(222,  
123, 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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