

Converting Colors

XYZ(41.1896, 31.7879, 27.6317)

Have a look what the booklet for
XYZ(41.1896, 31.7879, 27.6317)
contains.

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Color

**XYZ(41.1896, 31.7879,
27.6317)**

Conversions

Conversions Part 1

Format	Color
Hex	DB7E89
RGB	219, 126, 137
RGB Percent	86%, 49%, 54%
CMY	0.1412, 0.5059, 0.4627
CMYK	0.00, 0.42, 0.37, 0.14
HSL	353°, 56%, 68%
HSV	353°, 42%, 86%
XYZ	41.1896, 31.7879, 27.6317
YIQ	155.0610, 51.8970, 23.1370

Conversions

Conversions Part 2

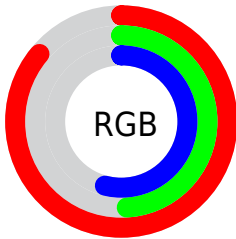
Format	Color
R _Y B	219, 126, 137
Decimal	14384777
CIE Lab	63.17, 37.13, 9.87
CIE LCh	63, 38.425, 14.888
Yxy	31.7879, 0.4094, 0.3160
Android (android.graphics.Color)	4292574857 (0xFFDB7E89)
YUV	155.0610, -8.9041, 56.0745
Hunter-Lab	56.3808, 31.7389, 10.4090

Details

The XYZ color **41.1896, 31.7879, 27.6317** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **45.3223, 59.6534, 68.8032**, and the grayscale version is **31.2056, 32.8307, 35.7527**.

A 20% lighter version of the original color is **66.8555, 57.6202, 56.3133**, and **18.9343, 13.2973, 10.5855** is the 20% darker color. If you saturate the color by 10%, you get **37.4260, 26.2827, 20.1437**, and if you desaturate by 10%, it is **45.8157, 38.6213, 36.6310**.

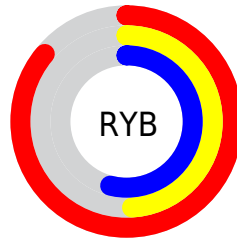
Distribution



Red (86%)

Green (49%)

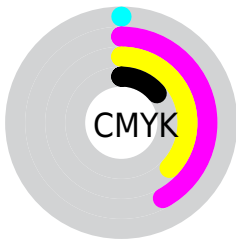
Blue (54%)



Red (86%)

Yellow (49%)

Blue (54%)

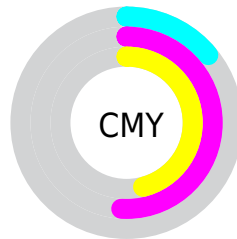


Cyan (0%)

Magenta (42%)

Yellow (37%)

Black (14%)



Cyan (14%)


Magenta (51%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.1896, 31.7879, 27.6317 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 41.1896, 31.7879, 27.6317 by changing the saturation by 10% instead.


 41.1896, 31.7879,
27.6317


 41.1896, 31.7879,
27.6317

342.1615,
310.1519, 304.5592


 28.6556, 21.1995,
17.8116


 76.2445, 62.4784,
56.9119

 18.9634, 13.2699,
10.6468


 99.4961, 83.3494,
77.2091

 11.7477, 7.6147,
5.7187


 127.0510,
108.4167, 101.8357

 6.6431, 3.8494,
2.6088

159.2745,
138.0647, 131.2103

 3.2842, 1.5897,
0.8970

196.5319,
172.6779, 165.7514

 1.3058, 0.3506,
0.0000

239.1886,

 0.1876, 0.0000,

212.6405, 205.8775

0.0000

287.6101,
258.3371, 252.0073

0.0000, 0.0000,
0.0000

41.1896, 31.7879,
27.6317

41.1896, 31.7879,
27.6317

37.4260, 26.2827,
20.1437

45.8157, 38.6213,
36.6310

34.4688, 22.0148,
14.0821

51.3509, 46.8565,
47.2164

32.2591, 18.8895,
9.3561


57.8413, 56.5675,
59.4601


30.7288, 16.7961,
5.8639


65.3291, 67.8215,
73.4293

29.7969, 15.6021,
3.4887

73.8541, 80.6818,
89.1873

 29.3986, 15.1342,
2.3427

 82.6815, 93.6633,
106.5369

 83.0234, 93.8001,
108.3372

Harmonies

Analogous

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



41.1769, 31.7879, 42.8054



41.1896, 31.7879, 27.6317



38.0368, 31.7879, 17.8100

Triad

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



41.1896, 31.7879, 27.6317



23.5678, 31.7879, 17.7579



27.6299, 31.7879, 71.1952

Complementary

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



41.1896, 31.7879, 27.6317



45.3223, 59.6534, 68.8032

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.



23.5438, 31.7879, 59.6096



41.1896, 31.7879, 27.6317



21.3923, 31.7879, 27.5365

Square

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



41.1896, 31.7879, 27.6317



27.6663, 31.7879, 13.3509



21.3841, 31.7879, 42.6779



32.9123, 31.7879, 71.2432

Rectangle

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



41.1896, 31.7879, 27.6317



34.7553, 31.7879, 14.3175



21.3841, 31.7879, 42.6779



26.0856, 31.7879, 68.3989

Sweetspot

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



41.1904, 31.7895, 27.6323



81.0173, 78.9012, 82.7451



45.8685, 33.2457, 71.0173



16.8831, 16.2020, 16.8504



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.



41.1904, 31.7895, 27.6323



53.3250, 37.8177, 29.4263



45.5685, 41.7442, 25.3964



13.1183, 13.0764, 13.8845



17.4530, 8.9822, 1.4993



1.1519, 0.5904, 0.2091

Inverse Universe

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



41.1904, 31.7895, 27.6323



53.3250, 37.8177, 29.4263



38.7197, 44.2075, 73.5099



13.1183, 13.0764, 13.8845



17.4530, 8.9822, 1.4993



1.1519, 0.5904, 0.2091

Previews

White Background



This preview shows how the XYZ color 41.1896, 31.7879, 27.6317 looks on a white background.

Color Contrast Check

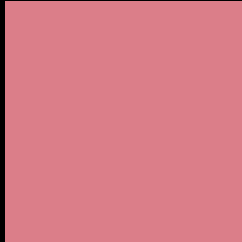
Large Text (above 18pt) WCAG AA × Fail

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 41.1896, 31.7879, 27.6317 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 41.1896, 31.7879, 27.6317

Background



This preview shows how black text looks on a background with the XYZ color 41.1896, 31.7879, 27.6317.



This preview shows how white text looks on a background with the XYZ color 41.1896, 31.7879,

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

41.1896, 31.7879, 27.6317

Protanopia

30.6874, 32.0848, 33.8537

Deuteranopia

32.5027, 31.9872, 26.6514



Tritanopia

41.1182, 31.7594, 27.2556

Trichromacy



Original Color

41.1896, 31.7879, 27.6317

Protanomaly

33.6012, 31.3039, 31.4654

Deuteranomaly

35.1670, 31.5538, 26.7912

Tritanomaly

41.1182, 31.7594, 27.2556

Monochromacy



Original Color

41.1896, 31.7879, 27.6317

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

33.6787, 31.5496, 32.3316

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1896, 31.7879, 27.6317 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, 137)` looks like.

```
.text, #text, p{  
    color:rgb(219, 126, 137)  
}
```

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, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 126, 137) }
```

Border

The CSS property to change the border of an element to XYZ 41.1896, 31.7879, 27.6317 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, 137) }
```


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

```
.border{ border-color:rgb(219, 126, 137) }
```

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, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 126, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 126, 137);  
box-shadow:4px 4px 4px 4px rgb(219, 126,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1896, 31.7879, 27.6317 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, 137) }
```

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

```
.background{ background-color: rgb(219,  
126, 137) }
```

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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