

Converting Colors

XYZ(38.1210, 30.2611, 19.1086)

Have a look what the booklet for
XYZ(38.1210, 30.2611, 19.1086)
contains.

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Color

**XYZ(37.9898, 30.1332,
19.1432)**

Conversions

Conversions Part 1

Format	Color
Hex	D67D70
RGB	214, 125, 112
RGB Percent	84%, 49%, 44%
CMY	0.1608, 0.5098, 0.5608
CMYK	0.00, 0.42, 0.48, 0.16
HSL	8°, 55%, 64%
HSV	8°, 48%, 84%
XYZ	37.9898, 30.1332, 19.1432
YIQ	150.1290, 57.2170, 14.8250

Conversions

Conversions Part 2

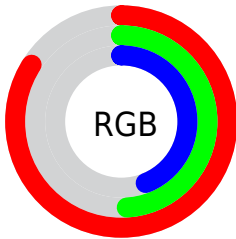
Format	Color
RYB	214, 127, 112
Decimal	14056816
CIELab	61.77, 33.10, 22.04
CIELCh	62, 39.766, 33.662
Yxy	30.1332, 0.4353, 0.3453
Android (android.graphics.Color)	4292246896 (0xFFD67D70)
YUV	150.1290, -18.7976, 56.0149
Hunter-Lab	54.8937, 27.4689, 17.7493

Details

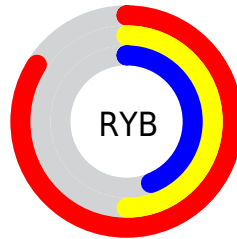
The XYZ color **37.9898, 30.1332, 19.1432** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **39.7052, 50.0707, 71.1901**, and the grayscale version is **29.1052, 30.6210, 33.3462**.

A 20% lighter version of the original color is **64.0609, 56.1805, 42.5895**, and **17.0845, 12.3356, 6.3311** is the 20% darker color. If you saturate the color by 10%, you get **34.7912, 25.4217, 12.8807**, and if you desaturate by 10%, it is **41.9174, 35.8496, 27.0462**.

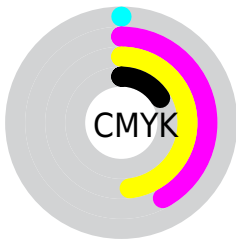
Distribution



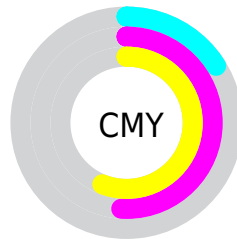
- Red (84%)
- Green (49%)
- Blue (44%)



- Red (84%)
- Yellow (50%)
- Blue (44%)



- Cyan (0%)
- Magenta (42%)
- Yellow (48%)
- Black (16%)





- Cyan (16%)
- Magenta (51%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.9898, 30.1332, 19.1432 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 37.9898, 30.1332, 19.1432 by changing the saturation by 10% instead.


 37.9898, 30.1332,
19.1432


 37.9898, 30.1332,
19.1432

328.8578,
302.5248, 259.6872


 26.1520, 19.9397,
11.5959


 71.3965, 59.8728,
42.8159


 17.0706, 12.3512,
6.3500


 93.6961, 80.1876,
59.7783

 10.3805, 6.9834,
2.9868


 120.2136,
104.6451, 80.7163

 5.7161, 3.4517,
1.0879

 151.3144,
133.6295, 106.0482

 2.7123, 1.3718,
0.0000

187.3639,
167.5253, 136.1928

 1.0035, 0.1958,
0.0000

228.7274,

 0.0000, 0.0000,

206.7168, 171.5684

0.0000

275.7702,
251.5886, 212.5937

■ 37.9898, 30.1332,
19.1432

■ 37.9898, 30.1332,
19.1432

■ 34.7912, 25.4217,
12.8807

■ 41.9174, 35.8496,
27.0462

■ 32.2741, 21.6525,
8.1413

■ 46.6131, 42.6197,
36.6924

■ 30.3885, 18.7631,
4.7948


■ 52.1159, 50.4947,
48.1782


■ 29.0768, 16.6812,
2.6882


■ 58.4615, 59.5208,
61.5924

■ 28.2660, 15.3213,
1.6111

■ 65.6835, 69.7420,
77.0181

 28.1300, 15.0931,
1.4306

 73.8135, 81.1997,
94.5333

 81.5415, 93.0361,
108.2678

Harmonies

Analogous

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



40.0647, 30.1332, 30.9804



37.9898, 30.1332, 19.1432



33.4052, 30.1332, 12.9857

Triad

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



37.9898, 30.1332, 19.1432



20.4426, 30.1332, 21.4879



29.2967, 30.1332, 71.4153

Complementary

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



37.9898, 30.1332, 19.1432



39.7052, 50.0707, 71.1901

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.



24.3523, 30.1332, 66.5412



37.9898, 30.1332, 19.1432



19.6253, 30.1332, 34.7101

Square

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



37.9898, 30.1332, 19.1432



23.3541, 30.1332, 14.0170



20.9670, 30.1332, 51.7967



34.6703, 30.1332, 63.5982

Rectangle

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



37.9898, 30.1332, 19.1432



29.7807, 30.1332, 11.5082



20.9670, 30.1332, 51.7967



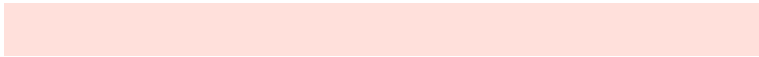
27.5302, 30.1332, 71.2160

Sweetspot

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



37.9906, 30.1347, 19.1438



80.6816, 79.6220, 78.3413



44.1983, 30.1537, 59.4299



16.8443, 16.4372, 15.8729



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.



37.9906, 30.1347, 19.1438



51.7784, 37.8641, 19.2316



45.9667, 46.0871, 21.8025



12.5496, 12.6734, 12.9455



17.0447, 9.2067, 0.8787



1.0710, 0.6412, 0.0673

Inverse Universe

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



39.7052, 50.0707, 71.1901



54.5672, 70.7731, 105.3923



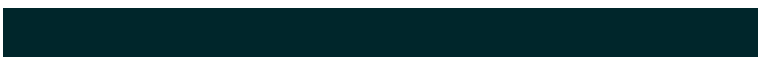
29.9026, 30.4654, 67.9226



12.6508, 13.8251, 15.9393



18.0943, 24.4504, 42.2189



1.1300, 1.5519, 2.5593

Previews

White Background



This preview shows how the XYZ color 37.9898, 30.1332, 19.1432 looks on a white background.

Color Contrast Check

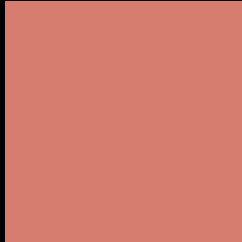
Large Text (above 18pt) WCAG AA × Fail

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 37.9898, 30.1332, 19.1432 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 37.9898, 30.1332, 19.1432

Background



This preview shows how black text looks on a background with the XYZ color 37.9898, 30.1332, 19.1432.



This preview shows how white text looks on a background with the XYZ color 37.9898, 30.1332,

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

37.9898, 30.1332, 19.1432

Protanopia

28.4231, 30.1941, 23.0689

Deuteranopia

30.7142, 30.0962, 18.6583



Tritanopia

39.0806, 30.0048, 25.2045

Trichromacy



Original Color

37.9898, 30.1332, 19.1432

Protanomaly

31.0680, 29.5531, 21.5196

Deuteranomaly

32.8538, 29.6813, 18.7493

Tritanomaly

38.7454, 30.0682, 22.8304

Monochromacy



Original Color

37.9898, 30.1332, 19.1432

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

31.2024, 29.7116, 27.3829

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.9898, 30.1332, 19.1432 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(214, 125, 112)` looks like.

```
.text, #text, p{  
    color:rgb(214, 125, 112)  
}
```

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(214, 125, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 125, 112) }
```

Border

The CSS property to change the border of an element to XYZ 37.9898, 30.1332, 19.1432 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(214, 125, 112) }
```


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

```
.border{ border-color:rgb(214, 125, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 125, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 125, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 125, 112);  
box-shadow:4px 4px 4px 4px rgb(214, 125,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 37.9898, 30.1332, 19.1432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 125, 112) }
```

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

```
.background{ background-color: rgb(214,  
125, 112) }
```

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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