

Converting Colors

XYZ(37.1452, 30.2395, 18.0435)

Have a look what the booklet for
XYZ(37.1452, 30.2395, 18.0435)
contains.

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Color

**XYZ(37.2899, 30.3699,
18.0839)**

Conversions

Conversions Part 1

Format	Color
Hex	D3806C
RGB	211, 128, 108
RGB Percent	83%, 50%, 42%
CMY	0.1725, 0.4980, 0.5765
CMYK	0.00, 0.39, 0.49, 0.17
HSL	12°, 54%, 63%
HSV	12°, 49%, 83%
XYZ	37.2899, 30.3699, 18.0839
YIQ	150.5370, 55.8880, 11.3760

Conversions

Conversions Part 2

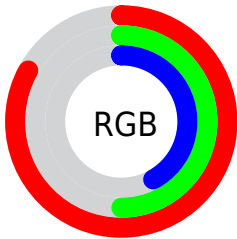
Format	Color
R_{YB}	211, 133, 108
Decimal	13860972
CIE _{Lab}	61.97, 29.95, 24.50
CIE _{LCh}	62, 38.691, 39.285
Yxy	30.3699, 0.4349, 0.3542
Android (android.graphics.Color)	4292051052 (0xFFD3806C)
YUV	150.5370, -20.9707, 53.0261
Hunter-Lab	55.1089, 24.3430, 19.1203

Details

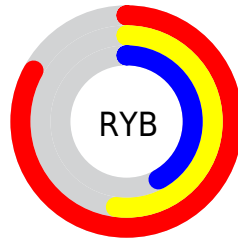
The XYZ color **37.2899, 30.3699, 18.0839** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **36.5720, 45.1508, 68.4153**, and the grayscale version is **29.2883, 30.8136, 33.5560**.

A 20% lighter version of the original color is **64.3131, 57.2540, 40.9192**, and **16.6064, 12.4063, 5.7944** is the 20% darker color. If you saturate the color by 10%, you get **34.2650, 25.9051, 12.1899**, and if you desaturate by 10%, it is **40.9596, 35.6896, 25.5341**.

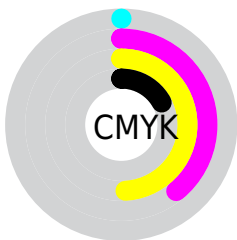
Distribution



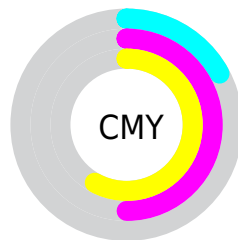
- Red (83%)
- Green (50%)
- Blue (42%)



- Red (83%)
- Yellow (52%)
- Blue (42%)



- Cyan (0%)
- Magenta (39%)
- Yellow (49%)
- Black (17%)





- Cyan (17%)
- Magenta (50%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.2899, 30.3699, 18.0839 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 37.2899, 30.3699, 18.0839 by changing the saturation by 10% instead.


 37.2899, 30.3699,
18.0839


 37.2899, 30.3699,
18.0839

325.8977,
303.6249, 253.5955


 25.6067, 20.1195,
10.8402


 70.3294, 60.2467,
40.9961


 16.6608, 12.4820,
5.8466


 92.4164, 80.6418,
57.5017

 10.0867, 7.0728,
2.6848


 118.7020,
105.1874, 77.9316

 5.5192, 3.5077,
0.9358

 149.5517,
134.2677, 102.7044

 2.5929, 1.4022,
0.0000

185.3308,
168.2673, 132.2387

 0.9423, 0.2183,
0.0000

226.4046,

 0.0000, 0.0000,

207.5704, 166.9529

0.0000

273.1384,
252.5614, 207.2657

■ 37.2899, 30.3699,
18.0839

■ 37.2899, 30.3699,
18.0839

■ 34.2650, 25.9051,
12.1899

■ 40.9596, 35.6896,
25.5341

■ 31.8443, 22.2456,
7.7390

■ 45.3071, 41.9013,
34.6389

■ 29.9857, 19.3438,
4.6059


■ 50.3657, 49.0454,
45.4908


■ 28.6404, 17.1447,
2.6423


■ 56.1657, 57.1582,
58.1748


■ 27.7414, 15.5818,
1.6173

■ 62.7359, 66.2745,
72.7704

 27.6562, 15.4334,
1.5213

 70.1032, 76.4270,
89.3523

 78.1804, 87.6019,
107.3961

 80.6739, 92.5889,
108.2272

Harmonies

Analogous

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



39.8644, 30.3699, 28.6716



37.2899, 30.3699, 18.0839



32.5375, 30.3699, 12.9062

Triad

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



37.2899, 30.3699, 18.0839



20.5090, 30.3699, 23.9618



30.5043, 30.3699, 70.0058

Complementary

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



37.2899, 30.3699, 18.0839



36.5720, 45.1508, 68.4153

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.



25.4810, 30.3699, 67.6073



37.2899, 30.3699, 18.0839



20.1025, 30.3699, 37.8916

Square

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



37.2899, 30.3699, 18.0839



23.0023, 30.3699, 15.5262



21.8166, 30.3699, 54.6403



35.6493, 30.3699, 60.4547

Rectangle

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



37.2899, 30.3699, 18.0839



28.9902, 30.3699, 11.9465



21.8166, 30.3699, 54.6403



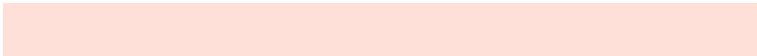
28.7415, 30.3699, 70.6207

Sweetspot

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



37.2907, 30.3714, 18.0845



80.4357, 79.6644, 76.6126



41.7539, 28.3851, 53.2152



16.8232, 16.5001, 15.5418



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.



37.2907, 30.3714, 18.0845



52.2602, 39.2576, 18.0667



45.5675, 46.9252, 20.8434



11.9920, 12.1746, 12.3299



16.7476, 9.4283, 0.9371



0.9925, 0.6393, 0.0711

Inverse Universe

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



36.5720, 45.1508, 68.4153



50.9593, 64.4687, 104.3656



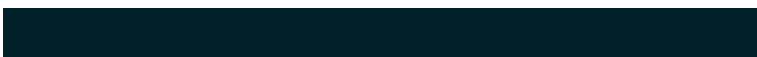
27.4108, 26.8284, 65.3616



11.9551, 13.0006, 15.1229



15.8455, 20.3376, 40.2829



0.9372, 1.2395, 2.2694

Previews

White Background



This preview shows how the XYZ color 37.2899, 30.3699, 18.0839 looks on a white background.

Color Contrast Check

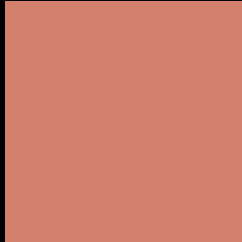
Large Text (above 18pt) WCAG AA × Fail

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 37.2899, 30.3699, 18.0839 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 37.2899, 30.3699, 18.0839

Background



This preview shows how black text looks on a background with the XYZ color 37.2899, 30.3699, 18.0839.



This preview shows how white text looks on a background with the XYZ color 37.2899, 30.3699,

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

37.2899, 30.3699, 18.0839

Protanopia

28.6736, 30.5943, 21.5336

Deuteranopia

31.1135, 30.5501, 17.6215



Tritanopia

38.9513, 30.2827, 26.3464

Trichromacy



Original Color

37.2899, 30.3699, 18.0839

Protanomaly

31.3007, 30.1446, 20.0884

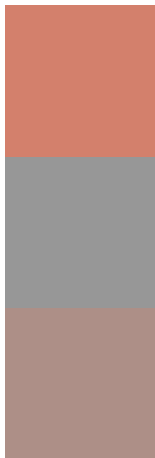
Deuteranomaly

33.1759, 30.2939, 17.7344

Tritanomaly

38.1867, 30.1449, 23.2079

Monochromacy



Original Color

37.2899, 30.3699, 18.0839

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

31.4292, 30.2784, 27.1095

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.2899, 30.3699, 18.0839 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(211, 128, 108)` looks like.

```
.text, #text, p{  
    color:rgb(211, 128, 108)  
}
```

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(211, 128, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 128, 108) }
```

Border

The CSS property to change the border of an element to XYZ 37.2899, 30.3699, 18.0839 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(211, 128, 108) }
```


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

```
.border{ border-color:rgb(211, 128, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 128, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 128, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 128, 108);  
box-shadow:4px 4px 4px 4px rgb(211, 128,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 37.2899, 30.3699, 18.0839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 128, 108) }
```

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

```
.background{ background-color: rgb(211,  
128, 108) }
```

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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