

Converting Colors

XYZ(38.6625, 30.8206, 28.6831)

Have a look what the booklet for
XYZ(38.6625, 30.8206, 28.6831)
contains.

XYZ(38.7473, 30.8871, 28.7305)	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(38.7473, 30.8871,
28.7305)**

Conversions

Conversions Part 1

Format	Color
Hex	D1808C
RGB	209, 128, 140
RGB Percent	82%, 50%, 55%
CMY	0.1804, 0.4980, 0.4510
CMYK	0.00, 0.39, 0.33, 0.18
HSL	351°, 47%, 66%
HSV	351°, 39%, 82%
XYZ	38.7473, 30.8871, 28.7305
YIQ	153.5870, 44.4240, 20.9040

Conversions

Conversions Part 2

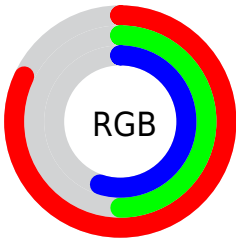
Format	Color
R _Y B	209, 128, 140
Decimal	13729932
CIE Lab	62.41, 32.76, 6.91
CIE LCh	62, 33.479, 11.918
Yxy	30.8871, 0.3939, 0.3140
Android (android.graphics.Color)	4291920012 (0xFFD1808C)
YUV	153.5870, -6.6984, 48.5972
Hunter-Lab	55.5762, 27.1906, 8.2529

Details

The XYZ color **38.7473, 30.8871, 28.7305** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.7820, 54.2221, 61.0901**, and the grayscale version is **30.5498, 32.1408, 35.0013**.

A 20% lighter version of the original color is **67.5936, 58.5662, 58.1939**, and **17.4482, 12.7213, 11.2087** is the 20% darker color. If you saturate the color by 10%, you get **35.0883, 25.5028, 21.5493**, and if you desaturate by 10%, it is **43.1819, 37.4823, 37.2189**.

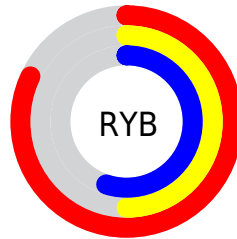
Distribution



Red (82%)

Green (50%)

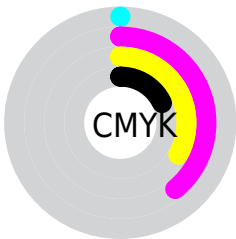
Blue (55%)



Red (82%)

Yellow (50%)

Blue (55%)

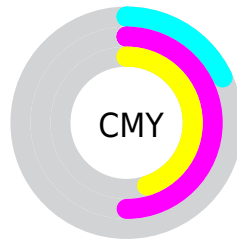


Cyan (0%)

Magenta (39%)

Yellow (33%)

Black (18%)



Cyan (18%)


Magenta (50%)

Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.7473, 30.8871, 28.7305 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 38.7473, 30.8871, 28.7305 by changing the saturation by 10% instead.


 38.7473, 30.8871,
28.7305


 38.7473, 30.8871,
28.7305


332.0406,
306.0179, 309.9623


 26.7430, 20.5129,
18.6332


 72.5487, 61.0623,
58.6857

 17.5159, 12.7684,
11.2314


 95.0765, 81.6320,
79.3807

 10.7006, 7.2693,
6.1066


 121.8429,
106.3691, 104.4453

 5.9317, 3.6311,
2.8402

153.2131,
135.6579, 134.2982

 2.8438, 1.4694,
1.0136

189.5527,
169.8827, 169.3578

 1.0717, 0.2670,
0.0000

231.2269,

 0.0013, 0.0000,

209.4281, 210.0426

0.0000

278.6011,
254.6783, 256.7713

■ 0.0000, 0.0000,
0.0000

■ 38.7473, 30.8871,
28.7305

■ 38.7473, 30.8871,
28.7305

■ 35.0883, 25.5028,
21.5493

■ 43.1819, 37.4823,
37.2189

■ 32.1574, 21.2512,
15.6082

■ 48.4308, 45.3511,
47.0735

■ 29.9059, 18.0525,
10.8368

■ 54.5332, 54.5575,
58.3516

■ 28.2778, 15.8140,
7.1568

■ 61.5250, 65.1596,
71.1069

■ 27.2081, 14.4272,
4.4800

■ 69.4400, 77.2122,
85.3903

■ 26.5998, 13.7227,
2.6983

■ 78.3102, 90.7672,
101.2500

■ 26.5413, 13.6540,
2.5297

■ 80.1046, 92.2953,
108.2006

Harmonies

Analogous

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



38.4559, 30.8871, 41.9969



38.7473, 30.8871, 28.7305



36.3391, 30.8871, 19.5483

Triad

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



38.7473, 30.8871, 28.7305



23.9062, 30.8871, 18.2548



26.7319, 30.8871, 63.4119

Complementary

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



38.7473, 30.8871, 28.7305



41.7820, 54.2221, 61.0901

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.



23.3324, 30.8871, 53.2362



38.7473, 30.8871, 28.7305



21.8205, 30.8871, 26.4568

Square

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



38.7473, 30.8871, 28.7305



27.5923, 30.8871, 14.6294



21.6219, 30.8871, 39.0588



31.1960, 30.8871, 64.4791

Rectangle

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



38.7473, 30.8871, 28.7305



33.6585, 30.8871, 16.0526



21.6219, 30.8871, 39.0588



25.4391, 30.8871, 60.8414

Sweetspot

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



38.7481, 30.8886, 28.7311



82.1366, 80.4399, 85.2762



42.2155, 31.8935, 64.2528



17.3063, 16.8034, 17.7463



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.



38.7481, 30.8886, 28.7311



55.6664, 40.9264, 35.0592



42.1391, 39.0098, 25.7327



11.8791, 11.8364, 12.6390



16.3871, 8.4277, 1.6785



0.9396, 0.4806, 0.2167

Inverse Universe

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



38.7481, 30.8886, 28.7311



55.6664, 40.9264, 35.0592



36.8648, 42.0995, 66.5048



11.8791, 11.8364, 12.6390



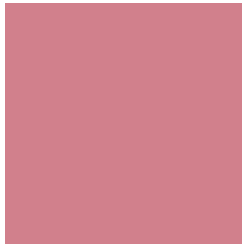
16.3871, 8.4277, 1.6785



0.9396, 0.4806, 0.2167

Previews

White Background



This preview shows how the XYZ color 38.7473, 30.8871, 28.7305 looks on a white background.

Color Contrast Check

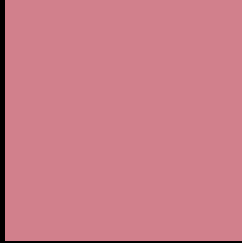
Large Text (above 18pt) WCAG AA × Fail

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 38.7473, 30.8871, 28.7305 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 38.7473, 30.8871, 28.7305

Background



This preview shows how black text looks on a background with the XYZ color 38.7473, 30.8871, 28.7305.



This preview shows how white text looks on a background with the XYZ color 38.7473, 30.8871,

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

38.7473, 30.8871, 28.7305

Protanopia

30.0605, 31.2702, 34.1572

Deuteranopia

31.5888, 31.0218, 27.9898



Tritanopia

38.6011, 30.8286, 27.9608

Trichromacy



Original Color

38.7473, 30.8871, 28.7305

Protanomaly

32.6233, 30.7817, 32.2390

Deuteranomaly

33.8276, 30.6145, 28.1710

Tritanomaly

38.6739, 30.8577, 28.3439

Monochromacy



Original Color

38.7473, 30.8871, 28.7305

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

33.0058, 31.4194, 32.7587

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.7473, 30.8871, 28.7305 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(209, 128, 140)` looks like.

```
.text, #text, p{  
    color:rgb(209, 128, 140)  
}
```

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(209, 128, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 128, 140) }
```

Border

The CSS property to change the border of an element to XYZ 38.7473, 30.8871, 28.7305 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(209, 128, 140) }
```


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

```
.border{ border-color:rgb(209, 128, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 128, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 128, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 128, 140);  
box-shadow:4px 4px 4px 4px rgb(209, 128,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 38.7473, 30.8871, 28.7305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 128, 140) }
```

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

```
.background{ background-color: rgb(209,  
128, 140) }
```

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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