

Converting Colors

XYZ(38.5280, 30.0415, 22.6468)

Have a look what the booklet for
XYZ(38.5280, 30.0415, 22.6468)
contains.

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Color

**XYZ(38.3897, 29.8921,
22.4853)**

Conversions

Conversions Part 1

Format	Color
Hex	D67B7B
RGB	214, 123, 123
RGB Percent	84%, 48%, 48%
CMY	0.1608, 0.5176, 0.5176
CMYK	0.00, 0.43, 0.43, 0.16
HSL	0°, 53%, 66%
HSV	0°, 43%, 84%
XYZ	38.3897, 29.8921, 22.4853
YIQ	150.2090, 54.2360, 19.2920

Conversions

Conversions Part 2

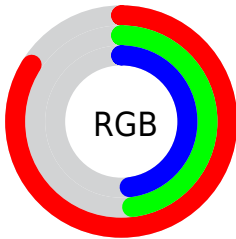
Format	Color
RYB	214, 123, 123
Decimal	14056315
CIELab	61.56, 35.28, 15.51
CIElCh	62, 38.541, 23.730
Yxy	29.8921, 0.4229, 0.3293
Android (android.graphics.Color)	4292246395 (0xFFD67B7B)
YUV	150.2090, -13.4140, 55.9447
Hunter-Lab	54.6737, 29.6568, 13.8877

Details

The XYZ color **38.3897, 29.8921, 22.4853** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **44.3515, 57.1568, 72.3132**, and the grayscale version is **29.1180, 30.6344, 33.3608**.

A 20% lighter version of the original color is **64.7000, 55.7994, 47.9177**, and **17.2637, 12.1971, 7.9229** is the 20% darker color. If you saturate the color by 10%, you get **34.8229, 24.6732, 15.3939**, and if you desaturate by 10%, it is **42.8310, 36.3914, 31.3133**.

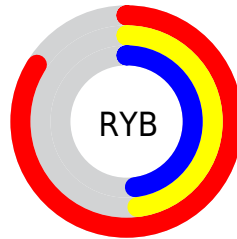
Distribution



Red (84%)

Green (48%)

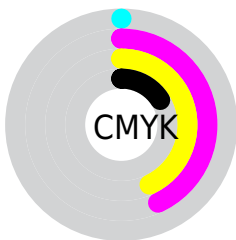
Blue (48%)



Red (84%)

Yellow (48%)

Blue (48%)

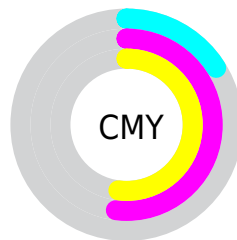


Cyan (0%)

Magenta (43%)

Yellow (43%)

Black (16%)



Cyan (16%)


Magenta (52%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.3897, 29.8921, 22.4853 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 38.3897, 29.8921, 22.4853 by changing the saturation by 10% instead.


 38.3897, 29.8921,
22.4853


 38.3897, 29.8921,
22.4853

330.5408,
301.4012, 278.1060


 26.4639, 19.7567,
14.0122


 72.0051, 59.4915,
48.4592

 17.3055, 12.2183,
7.9903


 94.4254, 79.7243,
66.7971

 10.5492, 6.8925,
4.0011


 121.0746,
104.0917, 89.2604

 5.8296, 3.3950,
1.6259

152.3179,
132.9780, 116.2676

 2.7814, 1.3413,
0.3092

188.5209,
166.7678, 148.2372

 1.0393, 0.1728,
0.0000

230.0488,

 0.0000, 0.0000,

205.8453, 185.5877

0.0000

277.2669,
250.5949, 228.7378

■ 38.3897, 29.8921,
22.4853

■ 38.3897, 29.8921,
22.4853

■ 34.8229, 24.6732,
15.3939

■ 42.8310, 36.3914,
31.3133

■ 32.0709, 20.6462,
9.9232

■ 48.1968, 44.2431,
41.9803

■ 30.0700, 17.7182,
5.9458


■ 54.5361, 53.5192,
54.5825


■ 28.7462, 15.7811,
3.3144


■ 61.8936, 64.2854,
69.2091

■ 28.0106, 14.7045,
1.8522

■ 70.3115, 76.6031,
85.9437

 27.7317, 14.2964,
1.2979

 79.8294, 90.5305,
104.8653

 81.5416, 93.0361,
108.2678

Harmonies

Analogous

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



39.3410, 29.8921, 35.7187



38.3897, 29.8921, 22.4853



34.6301, 29.8921, 14.7225

Triad

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



38.3897, 29.8921, 22.4853



21.2028, 29.8921, 18.5764



27.3518, 29.8921, 69.2997

Complementary

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



38.3897, 29.8921, 22.4853



44.3515, 57.1568, 72.3132

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.



22.9859, 29.8921, 60.9165



38.3897, 29.8921, 22.4853



19.7207, 29.8921, 29.5696

Square

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



38.3897, 29.8921, 22.4853



24.6379, 29.8921, 12.9846



20.3321, 29.8921, 45.2365



32.5521, 29.8921, 65.7045

Rectangle

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



38.3897, 29.8921, 22.4853



31.2544, 29.8921, 12.3177



20.3321, 29.8921, 45.2365



25.7465, 29.8921, 67.7251

Sweetspot

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



38.3905, 29.8936, 22.4859



80.4866, 78.6897, 79.9484



46.9523, 33.3174, 67.5746



16.7544, 16.1506, 16.1719



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.



38.3905, 29.8936, 22.4859



52.2666, 37.3957, 23.8486



45.4020, 43.9167, 24.8230



12.4234, 12.4209, 12.9034



16.7620, 8.6413, 0.7845



1.0110, 0.5212, 0.0473

Inverse Universe

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



44.3515, 57.1568, 72.3132



62.2579, 83.0918, 107.3647



34.4013, 37.2565, 68.9964



12.7922, 14.1078, 15.9864



21.8693, 32.0003, 43.4772



1.3191, 1.9301, 2.6223

Previews

White Background



This preview shows how the XYZ color 38.3897, 29.8921, 22.4853 looks on a white background.

Color Contrast Check

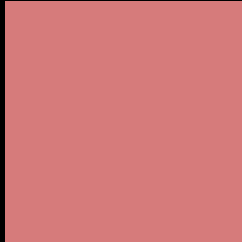
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.3897, 29.8921, 22.4853 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.3897, 29.8921, 22.4853

Background



This preview shows how black text looks on a background with the XYZ color 38.3897, 29.8921, 22.4853.



This preview shows how white text looks on a background with the XYZ color 38.3897, 29.8921,

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

38.3897, 29.8921, 22.4853

Protanopia

28.7089, 30.2410, 27.6165

Deuteranopia

30.6078, 29.9755, 21.6254



Tritanopia

39.0806, 30.0048, 25.2045

Trichromacy



Original Color

38.3897, 29.8921, 22.4853

Protanomaly

31.3793, 29.6250, 25.5371

Deuteranomaly

33.1806, 29.7832, 21.7692

Tritanomaly

38.8801, 29.9247, 24.1489

Monochromacy



Original Color

38.3897, 29.8921, 22.4853

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

31.3453, 29.5339, 28.8595

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.3897, 29.8921, 22.4853 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, 123, 123)` looks like.

```
.text, #text, p{  
    color:rgb(214, 123, 123)  
}
```

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, 123, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 123, 123) }
```

Border

The CSS property to change the border of an element to XYZ 38.3897, 29.8921, 22.4853 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, 123, 123) }
```


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

```
.border{ border-color:rgb(214, 123, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 123, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(214, 123, 123); -webkit-box-shadow:4px 4px 4px 4px rgb(214, 123, 123); box-shadow:4px 4px 4px 4px rgb(214, 123, 123) }
```

Background

The CSS property to change the background color of an element to XYZ 38.3897, 29.8921, 22.4853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 123, 123) }
```

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

```
.background{ background-color: rgb(214,  
123, 123) }
```

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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