

Converting Colors

XYZ(38.8443, 29.1211, 22.2976)

Have a look what the booklet for
XYZ(38.8443, 29.1211, 22.2976)
contains.

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Color

**XYZ(38.8499, 29.0581,
22.3000)**

Conversions

Conversions Part 1

Format	Color
Hex	DA757B
RGB	218, 117, 123
RGB Percent	85%, 46%, 48%
CMY	0.1451, 0.5412, 0.5176
CMYK	0.00, 0.46, 0.44, 0.15
HSL	356°, 58%, 66%
HSV	356°, 46%, 85%
XYZ	38.8499, 29.0581, 22.3000
YIQ	147.8830, 58.2700, 23.2780

Conversions

Conversions Part 2

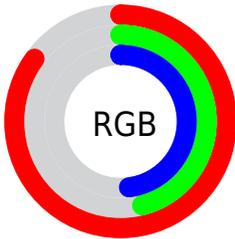
Format	Color
R _Y B	218, 117, 123
Decimal	14316923
CIE Lab	60.83, 39.89, 14.58
CIE LCh	61, 42.473, 20.077
Yxy	29.0581, 0.4307, 0.3221
Android (android.graphics.Color)	4292507003 (0xFFDA757B)
YUV	147.8830, -12.2673, 61.4926
Hunter-Lab	53.9056, 34.3107, 13.2064

Details

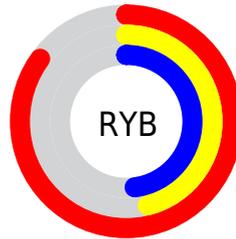
The XYZ color **38.8499, 29.0581, 22.3000** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **44.2927, 58.6789, 71.2828**, and the grayscale version is **28.1329, 29.5980, 32.2322**.

A 20% lighter version of the original color is **63.5408, 53.4810, 47.5313**, and **17.6235, 11.7486, 7.8174** is the 20% darker color. If you saturate the color by 10%, you get **35.4471, 24.0962, 15.4821**, and if you desaturate by 10%, it is **43.1144, 35.3132, 30.7321**.

Distribution



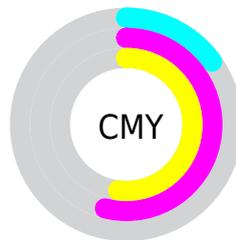
- Red (85%)
- Green (46%)
- Blue (48%)



- Red (85%)
- Yellow (46%)
- Blue (48%)



- Cyan (0%)
- Magenta (46%)
- Yellow (44%)
- Black (15%)



- Cyan (15%)
- Magenta (54%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.8499, 29.0581, 22.3000 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 38.8499, 29.0581, 22.3000 by changing the saturation by 10% instead.

 38.8499, 29.0581,
22.3000

 38.8499, 29.0581,
22.3000

332.4701,
297.4890, 277.1134

 26.8232, 19.1248,
13.8771

 72.7045, 58.1694,
48.1499

 17.5764, 11.7605,
7.8974

 95.2631, 78.1161,
66.4139

 10.7441, 6.5808,
3.9426

 122.0630,
102.1695, 88.7954

 5.9611, 3.2013,
1.5939

153.4696,
130.7138, 115.7128

 2.8619, 1.2377,
0.2865

189.8483,
164.1335, 147.5848

 1.0811, 0.0922,
0.0000

231.5643,

 0.0092, 0.0000,

202.8131, 184.8299

0.0000

278.9831,
247.1367, 227.8666

■ 0.0000, 0.0000,
0.0000

■ 38.8499, 29.0581,
22.3000

■ 38.8499, 29.0581,
22.3000

■ 35.4471, 24.0962,
15.4821

■ 43.1144, 35.3132,
30.7321

■ 32.8453, 20.3331,
10.1739

■ 48.2916, 42.9386,
40.8708

■ 30.9793, 17.6686,
6.2609

■ 54.4310, 52.0105,
52.8034

■ 29.7726, 15.9841,
3.6117

■ 61.5779, 62.5983,
66.6107

■ 29.1308, 15.1314,
2.0693

■ 69.7747, 74.7669,
82.3687

 28.9857, 14.9343,
1.7336

 79.0616, 88.5774,
100.1490

 82.7234, 93.6454,
108.3231

Harmonies

Analogous

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



39.4642, 29.0581, 37.1789



38.8499, 29.0581, 22.3000



35.0151, 29.0581, 13.5686

Triad

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



38.8499, 29.0581, 22.3000



20.2448, 29.0581, 15.8518



25.8278, 29.0581, 72.0813

Complementary

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



38.8499, 29.0581, 22.3000



44.2927, 58.6789, 71.2828

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.



21.3452, 29.0581, 61.1876



38.8499, 29.0581, 22.3000



18.4182, 29.0581, 26.6793

Square

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



38.8499, 29.0581, 22.3000



24.1293, 29.0581, 10.7994



18.7922, 29.0581, 43.2783



31.4296, 29.0581, 69.6946

Rectangle

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



38.8499, 29.0581, 22.3000



31.4004, 29.0581, 10.7857



18.7922, 29.0581, 43.2783



24.1538, 29.0581, 69.7418

Sweetspot

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



38.8506, 29.0596, 22.3005



79.7569, 77.3225, 79.4207



45.9574, 31.6744, 70.0211



16.6228, 15.8864, 16.1310



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.



38.8506, 29.0596, 22.3005



50.4876, 34.2651, 21.9378



44.8294, 41.5994, 22.4984



13.0872, 13.0640, 13.7206



17.3786, 8.9525, 1.1076



1.1371, 0.5845, 0.1311

Inverse Universe

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



38.8506, 29.0596, 22.3005



50.4876, 34.2651, 21.9378



35.1736, 39.2077, 72.0436



13.0872, 13.0640, 13.7206



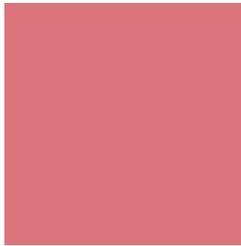
17.3786, 8.9525, 1.1076



1.1371, 0.5845, 0.1311

Previews

White Background



This preview shows how the XYZ color 38.8499, 29.0581, 22.3000 looks on a white background.

Color Contrast Check

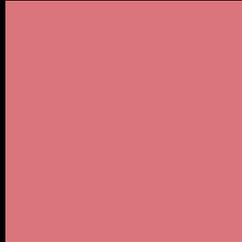
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.8499, 29.0581, 22.3000 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 38.8499, 29.0581, 22.3000

Background



This preview shows how black text looks on a background with the XYZ color 38.8499, 29.0581, 22.3000.



This preview shows how white text looks on a background with the XYZ color 38.8499, 29.0581,

22.3000.

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

38.8499, 29.0581, 22.3000

Protanopia

27.9701, 29.3778, 28.2411

Deuteranopia

29.6492, 29.0396, 21.4953



Tritanopia

38.9764, 29.1087, 22.9663

Trichromacy



Original Color

38.8499, 29.0581, 22.3000

Protanomaly

30.9423, 28.5319, 26.0667

Deuteranomaly

32.3805, 28.5500, 21.5734

Tritanomaly

38.9128, 29.0832, 22.6315

Monochromacy



Original Color

38.8499, 29.0581, 22.3000

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

30.8394, 28.6396, 28.3287

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.8499, 29.0581, 22.3000 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(218, 117, 123)` looks like.

```
.text, #text, p{  
    color:rgb(218, 117, 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(218, 117, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 117, 123) }
```

Border

The CSS property to change the border of an element to XYZ 38.8499, 29.0581, 22.3000 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(218, 117, 123) }
```

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

```
.border{ border-color:rgb(218, 117, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 117, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 117, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 117, 123);  
box-shadow:4px 4px 4px 4px rgb(218, 117,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 38.8499, 29.0581, 22.3000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 117, 123) }
```

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

```
.background{ background-color: rgb(218,  
117, 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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