

Converting Colors

XYZ(38.3210, 29.5155, 23.1850)

Have a look what the booklet for
XYZ(38.3210, 29.5155, 23.1850)
contains.

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Color

**XYZ(38.2706, 29.4516,
23.0697)**

Conversions

Conversions Part 1

Format	Color
Hex	D6797D
RGB	214, 121, 125
RGB Percent	84%, 47%, 49%
CMY	0.1608, 0.5255, 0.5098
CMYK	0.00, 0.43, 0.42, 0.16
HSL	357°, 53%, 66%
HSV	357°, 43%, 84%
XYZ	38.2706, 29.4516, 23.0697
YIQ	149.2630, 54.1440, 20.9600

Conversions

Conversions Part 2

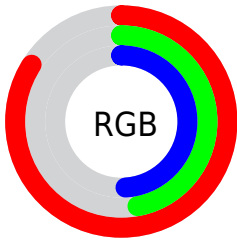
Format	Color
R_{YB}	214, 121, 125
Decimal	14055805
CIE Lab	61.18, 36.55, 13.83
CIE LCh	61, 39.081, 20.732
Yxy	29.4516, 0.4215, 0.3244
Android (android.graphics.Color)	4292245885 (0xFFD6797D)
YUV	149.2630, -11.9617, 56.7743
Hunter-Lab	54.2693, 30.9064, 12.7846

Details

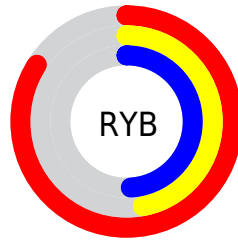
The XYZ color **38.2706, 29.4516, 23.0697** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **43.5661, 56.8118, 69.6457**, and the grayscale version is **28.7115, 30.2067, 32.8951**.

A 20% lighter version of the original color is **64.6059, 55.1343, 49.3564**, and **17.2050, 11.9700, 8.2411** is the 20% darker color. If you saturate the color by 10%, you get **34.7762, 24.3452, 16.1019**, and if you desaturate by 10%, it is **42.6131, 35.8225, 31.6517**.

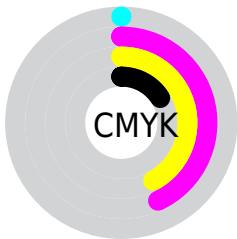
Distribution



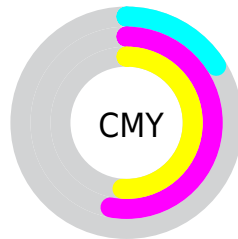
- Red (84%)
- Green (47%)
- Blue (49%)



- Red (84%)
- Yellow (47%)
- Blue (49%)



- Cyan (0%)
- Magenta (43%)
- Yellow (42%)
- Black (16%)





- Cyan (16%)
- Magenta (53%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.2706, 29.4516, 23.0697 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 38.2706, 29.4516, 23.0697 by changing the saturation by 10% instead.


 38.2706, 29.4516,
23.0697


 38.2706, 29.4516,
23.0697


330.0402,
299.3398, 281.2163


 26.3709, 19.4227,
14.4392


 71.8239, 58.7938,
49.4324

 17.2355, 11.9761,
8.2845


 94.2083, 78.8760,
68.0017

 10.4989, 6.7274,
4.1872


 120.8183,
103.0780, 90.7209

 5.7957, 3.2922,
1.7286

152.0193,
131.7842, 118.0088

 2.7608, 1.2861,
0.3802

188.1766,
165.3791, 150.2837

 1.0285, 0.1304,
0.0000

229.6557,

 0.0000, 0.0000,

204.2471, 187.9642

0.0000

276.8217,
248.7725, 231.4689

■ 38.2706, 29.4516,
23.0697

■ 38.2706, 29.4516,
23.0697

■ 34.7762, 24.3452,
16.1019

■ 42.6131, 35.8225,
31.6517

■ 32.0723, 20.4150,
10.6457

■ 47.8518, 43.5295,
41.9383

■ 30.0980, 17.5684,
6.5896


■ 54.0338, 52.6444,
54.0153


■ 28.7820, 15.6972,
3.8059


■ 61.2022, 63.2325,
67.9621

■ 28.0393, 14.6706,
2.1435

■ 69.3976, 75.3548,
83.8534

 27.7819, 14.3163,
1.5630

 78.6583, 89.0690,
101.7599

 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.



38.9023, 29.4516, 36.8370



38.2706, 29.4516, 23.0697



34.7132, 29.4516, 14.7901

Triad

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



38.2706, 29.4516, 23.0697



21.0286, 29.4516, 17.3025



26.4338, 29.4516, 68.8174

Complementary

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



38.2706, 29.4516, 23.0697



43.5661, 56.8118, 69.6457

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.



22.2012, 29.4516, 59.2929



38.2706, 29.4516, 23.0697



19.3413, 29.4516, 27.7291

Square

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



38.2706, 29.4516, 23.0697



24.6437, 29.4516, 12.2366



19.7427, 29.4516, 43.1456



31.6325, 29.4516, 66.4157

Rectangle

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



38.2706, 29.4516, 23.0697



31.3763, 29.4516, 12.1072



19.7427, 29.4516, 43.1456



24.8619, 29.4516, 66.8176

Sweetspot

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



38.2714, 29.4531, 23.0703



80.6777, 78.7654, 80.9569



45.3694, 32.1377, 67.4302



16.8007, 16.1690, 16.4162



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.



38.2714, 29.4531, 23.0703



52.1514, 36.8385, 24.8171



44.2542, 41.8191, 23.8306



12.4447, 12.4294, 13.0158



16.8021, 8.6572, 0.9962



1.0212, 0.5253, 0.1010

Inverse Universe

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



38.2714, 29.4531, 23.0703



52.1514, 36.8385, 24.8171



34.8052, 38.4836, 69.2118



12.4447, 12.4294, 13.0158



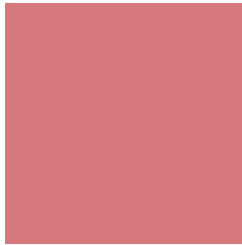
16.8021, 8.6572, 0.9962



1.0212, 0.5253, 0.1010

Previews

White Background



This preview shows how the XYZ color 38.2706, 29.4516, 23.0697 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 38.2706, 29.4516, 23.0697 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 38.2706, 29.4516, 23.0697

Background



This preview shows how black text looks on a background with the XYZ color 38.2706, 29.4516, 23.0697.



This preview shows how white text looks on a background with the XYZ color 38.2706, 29.4516,

23.0697.

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

38.2706, 29.4516, 23.0697

Protanopia

28.3870, 29.8162, 28.6850

Deuteranopia

30.1374, 29.4971, 22.1943



Tritanopia

38.4105, 29.3141, 24.4026

Trichromacy



Original Color

38.2706, 29.4516, 23.0697

Protanomaly

31.0708, 29.0121, 26.5166

Deuteranomaly

32.5315, 29.0201, 22.2992

Tritanomaly

38.3443, 29.2876, 24.0542

Monochromacy



Original Color

38.2706, 29.4516, 23.0697

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

31.1998, 29.2429, 28.8110

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.2706, 29.4516, 23.0697 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, 121, 125)` looks like.

```
.text, #text, p{  
    color:rgb(214, 121, 125)  
}
```

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, 121, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 121, 125) }
```

Border

The CSS property to change the border of an element to XYZ 38.2706, 29.4516, 23.0697 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, 121, 125) }
```


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

```
.border{ border-color:rgb(214, 121, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 121, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 121, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 121, 125);  
box-shadow:4px 4px 4px 4px rgb(214, 121,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 38.2706, 29.4516, 23.0697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 121, 125) }
```

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

```
.background{ background-color: rgb(214,  
121, 125) }
```

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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