

Converting Colors

XYZ(38.2698, 28.0962, 21.4952)

Have a look what the booklet for
XYZ(38.2698, 28.0962, 21.4952)
contains.

XYZ(38.2698, 28.0962, 21.4952)	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(38.2698, 28.0962,
21.4952)**

Conversions

Conversions Part 1

Format	Color
Hex	DA7179
RGB	218, 113, 121
RGB Percent	85%, 44%, 47%
CMY	0.1451, 0.5568, 0.5255
CMYK	0.00, 0.48, 0.44, 0.15
HSL	355°, 59%, 65%
HSV	355°, 48%, 85%
XYZ	38.2698, 28.0962, 21.4952
YIQ	145.3070, 60.0120, 24.7480

Conversions

Conversions Part 2

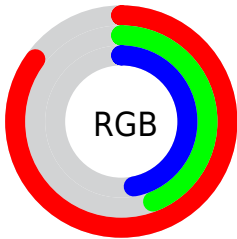
Format	Color
R _Y B	218, 113, 121
Decimal	14315897
CIE Lab	59.98, 41.73, 14.54
CIE LCh	60, 44.191, 19.206
Yxy	28.0962, 0.4356, 0.3198
Android (android.graphics.Color)	4292505977 (0xFFDA7179)
YUV	145.3070, -11.9834, 63.7518
Hunter-Lab	53.0058, 36.1153, 13.0605

Details

The XYZ color **38.2698, 28.0962, 21.4952** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **43.5159, 58.3073, 69.9375**, and the grayscale version is **27.0695, 28.4792, 31.0139**.

A 20% lighter version of the original color is **62.6015, 51.9146, 46.2562**, and **17.1694, 11.1895, 7.5582** is the 20% darker color. If you saturate the color by 10%, you get **35.0143, 23.3598, 14.9396**, and if you desaturate by 10%, it is **42.3686, 34.1067, 29.6045**.

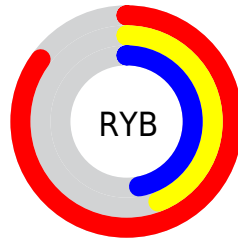
Distribution



Red (85%)

Green (44%)

Blue (47%)



Red (85%)

Yellow (44%)

Blue (47%)

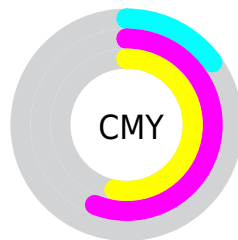


Cyan (0%)

Magenta (48%)

Yellow (44%)

Black (15%)



Cyan (15%)


Magenta (56%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.2698, 28.0962, 21.4952 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 38.2698, 28.0962, 21.4952 by changing the saturation by 10% instead.


 38.2698, 28.0962,
21.4952


 38.2698, 28.0962,
21.4952


330.0368,
292.9263, 272.7656


 26.3703, 18.3982,
13.2917


 71.8227, 56.6380,
46.8017


 17.2350, 11.2362,
7.4966


 94.2069, 76.2506,
64.7417

 10.4985, 6.2260,
3.6915


 120.8166, 99.9368,
86.7644

 5.7955, 2.9830,
1.4577

 152.0173,
128.0810, 113.2882

 2.7606, 1.1228,
0.1861

188.1743,
161.0677, 144.7317

 1.0285, 0.0000,
0.0000

229.6530,

 0.0000, 0.0000,

199.2812, 181.5134

0.0000

276.8187,
243.1060, 224.0518

■ 38.2698, 28.0962,
21.4952

■ 38.2698, 28.0962,
21.4952

■ 35.0143, 23.3598,
14.9396

■ 42.3686, 34.1067,
29.6045

■ 32.5414, 19.8018,
9.8367

■ 47.3618, 41.4696,
39.3565

■ 30.7854, 17.3197,
6.0763


■ 53.2986, 50.2618,
50.8354


■ 29.6691, 15.7919,
3.5314


■ 60.2244, 60.5533,
64.1190

■ 29.0859, 15.0440,
2.0467

■ 68.1813, 72.4094,
79.2806

 29.0115, 14.9446,
1.8695

 77.2092, 85.8917,
96.3892

 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.



38.7939, 28.0962, 36.7641



38.2698, 28.0962, 21.4952



34.4086, 28.0962, 12.6292

Triad

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



38.2698, 28.0962, 21.4952



19.3278, 28.0962, 14.4948



24.7308, 28.0962, 72.1972

Complementary

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



38.2698, 28.0962, 21.4952



43.5159, 58.3073, 69.9375

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.



20.2460, 28.0962, 60.5278



38.2698, 28.0962, 21.4952



17.4306, 28.0962, 25.1524

Square

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



38.2698, 28.0962, 21.4952



23.3037, 28.0962, 9.6796



17.7413, 28.0962, 41.9495



30.4212, 28.0962, 70.1335

Rectangle

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



38.2698, 28.0962, 21.4952



30.7292, 28.0962, 9.8164



17.7413, 28.0962, 41.9495



23.0477, 28.0962, 69.6247

Sweetspot

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



38.2705, 28.0976, 21.4957



79.8371, 77.3546, 79.8431



44.9262, 30.4656, 69.8422



16.6420, 15.8941, 16.2321



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.



38.2705, 28.0976, 21.4957



49.7996, 33.1129, 21.0189



43.9098, 40.1285, 21.0560



13.0961, 13.0675, 13.7672



17.3961, 8.9595, 1.2001



1.1414, 0.5862, 0.1533

Inverse Universe

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



38.2705, 28.0976, 21.4957



49.7996, 33.1129, 21.0189



34.6507, 38.9429, 72.0201



13.0961, 13.0675, 13.7672



17.3961, 8.9595, 1.2001



1.1414, 0.5862, 0.1533

Previews

White Background



This preview shows how the XYZ color 38.2698, 28.0962, 21.4952 looks on a white background.

Color Contrast Check

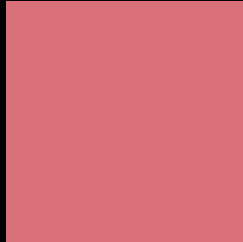
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.2698, 28.0962, 21.4952 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 38.2698, 28.0962, 21.4952

Background



This preview shows how black text looks on a background with the XYZ color 38.2698, 28.0962, 21.4952.



This preview shows how white text looks on a background with the XYZ color 38.2698, 28.0962,

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

38.2698, 28.0962, 21.4952

Protanopia

26.8830, 28.1422, 27.6820

Deuteranopia

28.8057, 28.1846, 20.7516



Tritanopia

38.2698, 28.0962, 21.4952

Trichromacy



Original Color

38.2698, 28.0962, 21.4952

Protanomaly

29.9398, 27.4124, 25.1859

Deuteranomaly

31.7462, 27.8381, 20.8396

Tritanomaly

38.2698, 28.0962, 21.4952

Monochromacy



Original Color

38.2698, 28.0962, 21.4952

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

29.8447, 27.3233, 26.9935

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.2698, 28.0962, 21.4952 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, 113, 121)` looks like.

```
.text, #text, p{  
    color:rgb(218, 113, 121)  
}
```

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, 113, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 113, 121) }
```

Border

The CSS property to change the border of an element to XYZ 38.2698, 28.0962, 21.4952 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, 113, 121) }
```


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

```
.border{ border-color:rgb(218, 113, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 113, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 113, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 113, 121);  
box-shadow:4px 4px 4px 4px rgb(218, 113,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 38.2698, 28.0962, 21.4952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 113, 121) }
```

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

```
.background{ background-color: rgb(218,  
113, 121) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor