

Converting Colors

XYZ(42.6152, 30.3170, 40.4153)

Have a look what the booklet for
XYZ(42.6152, 30.3170, 40.4153)
contains.

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Color

**XYZ(42.7138, 30.3043,
40.6438)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | DC73A8 |
| RGB | 220, 115, 168 |
| RGB Percent | 86%, 45%, 66% |
| CMY | 0.1373, 0.5490, 0.3412 |
| CMYK | 0.00, 0.48, 0.24, 0.14 |
| HSL | 330°, 60%, 66% |
| HSV | 330°, 48%, 86% |
| XYZ | 42.7138, 30.3043, 40.6438 |
| YIQ | 152.4370, 45.5670, 38.7430 |

Conversions

Conversions Part 2

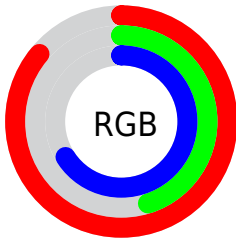
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 220, 115, 168 |
| Decimal | 14447528 |
| CIE Lab | 61.92, 47.14, -9.67 |
| CIE LCh | 62, 48.120, 348.412 |
| Yxy | 30.3043, 0.3758, 0.2666 |
| Android (android.graphics.Color) | 4292637608 (0xFFDC73A8) |
| YUV | 152.4370, 7.6726, 59.2528 |
| Hunter-Lab | 55.0493, 42.1651, -5.2402 |

Details

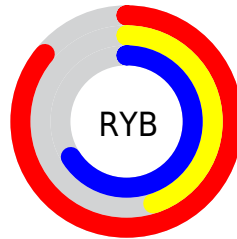
The XYZ color **42.7138, 30.3043, 40.6438** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **39.6399, 57.6221, 45.5950**, and the grayscale version is **29.9889, 31.5506, 34.3586**.

A 20% lighter version of the original color is **68.7472, 54.9636, 76.7977**, and **19.7753, 12.3876, 17.8718** is the 20% darker color. If you saturate the color by 10%, you get **39.5250, 25.4834, 34.7808**, and if you desaturate by 10%, it is **46.5881, 36.3593, 47.1555**.

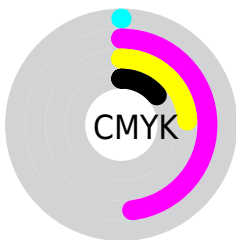
Distribution



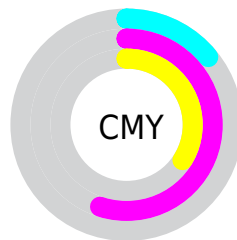
- Red (86%)
- Green (45%)
- Blue (66%)



- Red (86%)
- Yellow (45%)
- Blue (66%)



- Cyan (0%)
- Magenta (48%)
- Yellow (24%)
- Black (14%)



- Cyan (14%)
- Magenta (55%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.7138, 30.3043, 40.6438 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 42.7138, 30.3043, 40.6438 by changing the saturation by 10% instead.

42.7138, 30.3043,
40.6438

42.7138, 30.3043,
40.6438

348.3749,
303.3203, 364.4621

29.8542, 20.0697,
27.7233

78.5372, 60.1431,
77.3907

19.8754, 12.4457,
17.8799

102.2317, 80.5160,
102.0541

12.4123, 7.0480,
10.6953

130.2685,
105.0372, 131.4688

7.0993, 3.4921,
5.7507

163.0130,
134.0910, 166.0535

3.5712, 1.3937,
2.6278

200.8305,
168.0618, 206.2266

1.4625, 0.2121,
0.9067

244.0865,

0.3001, 0.0000,

207.3340, 252.4068

0.0000

293.1462,
252.2921, 305.0124

■ 0.0000, 0.0000,
0.0000

■ 42.7138, 30.3043,
40.6438

■ 42.7138, 30.3043,
40.6438

■ 39.5250, 25.4834,
34.7808

■ 46.5881, 36.3593,
47.1555

■ 36.9735, 21.8048,
29.5395

■ 51.1861, 43.7228,
54.3378

■ 35.0091, 19.1709,
24.8926

■ 56.5464, 52.4684,
62.2132

■ 33.5719, 17.4657,
20.8093

■ 62.7040, 62.6631,
70.8028

■ 32.5797, 16.5284,
17.2504

■ 69.6915, 74.3693,
80.1264

■ 32.3869, 16.3643,
16.5028

■ 77.5397, 87.6459,
90.2029

■ 81.6457, 93.2838,
99.5065

■ 83.3253, 93.9557,
108.3513

Harmonies

Analogous

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



39.0912, 30.3043, 62.5718



42.7138, 30.3043, 40.6438



42.2198, 30.3043, 23.0164

Triad

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



42.7138, 30.3043, 40.6438



25.0672, 30.3043, 9.4921



21.3420, 30.3043, 67.2558

Complementary

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



42.7138, 30.3043, 40.6438



39.6399, 57.6221, 45.5950

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.



18.5808, 30.3043, 45.5100



42.7138, 30.3043, 40.6438



20.5002, 30.3043, 14.6127

Square

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



42.7138, 30.3043, 40.6438



31.3627, 30.3043, 9.0240



18.2976, 30.3043, 26.3737



26.3872, 30.3043, 81.3454

Rectangle

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



42.7138, 30.3043, 40.6438



39.6345, 30.3043, 15.5052



18.2976, 30.3043, 26.3737



20.1505, 30.3043, 60.2930

Sweetspot

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



42.7147, 30.3058, 40.6444



81.9826, 78.2128, 91.1411



34.7240, 25.5106, 70.8042



17.1602, 16.1014, 18.9608



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.



42.7147, 30.3058, 40.6444



55.3269, 35.7559, 48.7926



38.8433, 28.7572, 20.2580



13.3289, 13.1606, 14.9930



19.0639, 9.6266, 9.9822



1.2786, 0.6411, 0.8758

Inverse Universe

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



42.7147, 30.3058, 40.6444



55.3269, 35.7559, 48.7926



45.3520, 59.9069, 75.6745



13.3289, 13.1606, 14.9930



19.0639, 9.6266, 9.9822



1.2786, 0.6411, 0.8758

Previews

White Background



This preview shows how the XYZ color 42.7138, 30.3043, 40.6438 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 42.7138, 30.3043, 40.6438 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 42.7138, 30.3043, 40.6438

Background



This preview shows how black text looks on a background with the XYZ color 42.7138, 30.3043, 40.6438.



This preview shows how white text looks on a background with the XYZ color 42.7138, 30.3043,

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

42.7138, 30.3043, 40.6438

Protanopia

30.6994, 30.4730, 52.9790

Deuteranopia

31.1878, 30.5730, 38.9077



Tritanopia

39.3752, 30.1567, 25.2183

Trichromacy



Original Color

42.7138, 30.3043, 40.6438



Protanomaly

33.6098, 29.4207, 48.1633



Deuteranomaly

34.5116, 29.8683, 39.5435



Tritanomaly

40.2461, 29.9590, 30.0470

Monochromacy



Original Color

42.7138, 30.3043, 40.6438



Achromatopsia

29.8446, 31.3989, 34.1934



Achromatomaly

33.5356, 30.2810, 36.4250

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.7138, 30.3043, 40.6438 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(220, 115, 168)` looks like.

```
.text, #text, p{  
    color:rgb(220, 115, 168)  
}
```

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(220, 115, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 115, 168) }
```

Border

The CSS property to change the border of an element to XYZ 42.7138, 30.3043, 40.6438 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(220, 115, 168) }
```


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

```
.border{ border-color:rgb(220, 115, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 115, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 115, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 115, 168);  
box-shadow:4px 4px 4px 4px rgb(220, 115,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 42.7138, 30.3043, 40.6438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 115, 168) }
```

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

```
.background{ background-color: rgb(220,  
115, 168) }
```

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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