

Converting Colors

XYZ(38.7425, 26.5479, 41.9376)

Have a look what the booklet for
XYZ(38.7425, 26.5479, 41.9376)
contains.

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Color

**XYZ(38.7925, 26.6370,
42.1266)**

Conversions

Conversions Part 1

Format	Color
Hex	D169AC
RGB	209, 105, 172
RGB Percent	82%, 41%, 67%
CMY	0.1804, 0.5882, 0.3255
CMYK	0.00, 0.50, 0.18, 0.18
HSL	321°, 53%, 62%
HSV	321°, 50%, 82%
XYZ	38.7925, 26.6370, 42.1266
YIQ	143.7340, 40.4770, 42.8850

Conversions

Conversions Part 2

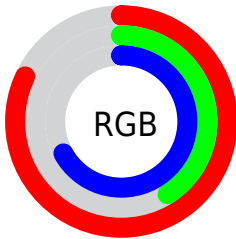
Format	Color
R _Y B	209, 105, 172
Decimal	13724076
CIE Lab	58.64, 49.18, -17.05
CIE LCh	59, 52.047, 340.877
Yxy	26.6370, 0.3607, 0.2477
Android (android.graphics.Color)	4291914156 (0xFFD169AC)
YUV	143.7340, 13.9351, 57.2383
Hunter-Lab	51.6110, 43.8469, -12.2667

Details

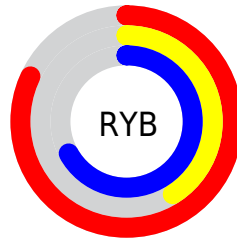
The XYZ color **38.7925, 26.6370, 42.1266** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **33.5099, 50.5581, 33.5859**, and the grayscale version is **26.3375, 27.7091, 30.1752**.

A 20% lighter version of the original color is **67.5033, 51.6023, 79.0755**, and **17.5671, 10.4874, 18.8677** is the 20% darker color. If you saturate the color by 10%, you get **36.2252, 22.6132, 37.8454**, and if you desaturate by 10%, it is **41.9244, 31.7254, 46.7937**.

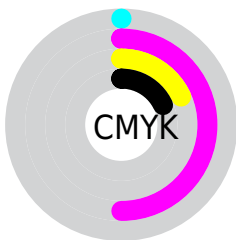
Distribution



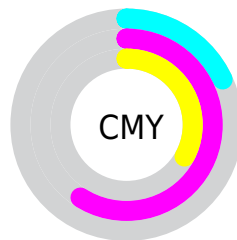
- Red (82%)
- Green (41%)
- Blue (67%)



- Red (82%)
- Yellow (41%)
- Blue (67%)



- Cyan (0%)
- Magenta (50%)
- Yellow (18%)
- Black (18%)




- Cyan (18%)
- Magenta (59%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.7925, 26.6370, 42.1266 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 38.7925, 26.6370, 42.1266 by changing the saturation by 10% instead.


 38.7925, 26.6370,
42.1266


 38.7925, 26.6370,
42.1266

332.2299,
285.8952, 370.8226


 26.7783, 17.3008,
28.8741


 72.6173, 54.3008,
79.6634


 17.5425, 10.4492,
18.7409


 95.1587, 73.3972,
104.7847

 10.7198, 5.6978,
11.3083


 121.9399, 96.5158,
134.6994

 5.9446, 2.6622,
6.1578

 153.3262,
124.0409, 169.8261

 2.8518, 0.9580,
2.8709

189.6830,
156.3571, 210.5832

 1.0759, 0.0000,
1.0291

231.3756,

 0.0048, 0.0000,

193.8486, 257.3893

0.0000

278.7694,
236.8998, 310.6629

■ 0.0000, 0.0000,
0.0000

■ 38.7925, 26.6370,
42.1266

■ 38.7925, 26.6370,
42.1266

■ 36.2252, 22.6132,
37.8454

■ 41.9244, 31.7254,
46.7937

■ 34.1804, 19.5719,
33.9322

■ 45.6543, 37.9449,
51.8601

■ 32.6139, 17.4252,
30.3691


■ 50.0154, 45.3611,
57.3403


■ 31.4722, 16.0675,
27.1349


■ 55.0381, 54.0334,
63.2473


■ 30.6608, 15.3106,
24.1948


■ 60.7505, 64.0174,
69.5935

 30.6427, 15.2946,
24.1265

 67.1792, 75.3651,
76.3906

 74.3493, 88.1258,
83.6497

 76.5476, 90.8726,
89.4692

 77.6235, 91.3030,
95.1349

Harmonies

Analogous

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



34.2408, 26.6370, 64.5788



38.7925, 26.6370, 42.1266



39.4035, 26.6370, 22.8563

Triad

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



38.7925, 26.6370, 42.1266



23.0690, 26.6370, 6.3531



17.1168, 26.6370, 58.6678

Complementary

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



38.7925, 26.6370, 42.1266



33.5099, 50.5581, 33.5859

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.



15.0662, 26.6370, 36.1637



38.7925, 26.6370, 42.1266



18.0974, 26.6370, 9.7022

Square

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



38.7925, 26.6370, 42.1266



29.5602, 26.6370, 6.8410



15.3921, 26.6370, 18.9347



21.5018, 26.6370, 76.5771

Rectangle

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



38.7925, 26.6370, 42.1266



37.3961, 26.6370, 14.4322



15.3921, 26.6370, 18.9347



16.1680, 26.6370, 51.0715

Sweetspot

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



38.7933, 26.6383, 42.1271



81.9242, 77.1312, 94.0957



27.6142, 20.4059, 62.8055



17.1828, 15.9022, 19.7221



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.



38.7933, 26.6383, 42.1271



56.4828, 34.9593, 58.7610



34.7739, 25.0305, 20.9609



12.1248, 11.9347, 13.9329



18.9416, 9.4495, 15.1307



1.0961, 0.5432, 1.0411

Inverse Universe

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



38.7933, 26.6383, 42.1271



56.4828, 34.9593, 58.7610



38.2975, 52.4731, 58.7971



12.1248, 11.9347, 13.9329



18.9416, 9.4495, 15.1307



1.0961, 0.5432, 1.0411

Previews

White Background



This preview shows how the XYZ color 38.7925, 26.6370, 42.1266 looks on a white background.

Color Contrast Check

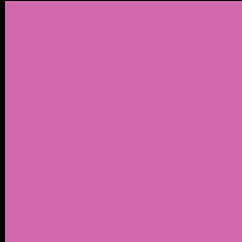
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.7925, 26.6370, 42.1266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

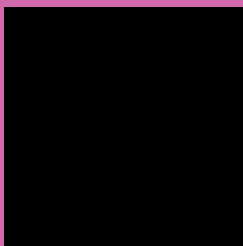
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 38.7925, 26.6370, 42.1266

Background



This preview shows how black text looks on a background with the XYZ color 38.7925, 26.6370, 42.1266.



This preview shows how white text looks on a background with the XYZ color 38.7925, 26.6370,

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

38.7925, 26.6370, 42.1266

Protanopia

27.7683, 27.0725, 56.5853

Deuteranopia

27.2991, 26.7698, 39.8047



Tritanopia

34.6707, 26.5541, 22.3669

Trichromacy



Original Color

38.7925, 26.6370, 42.1266

Protanomaly

30.1840, 25.7781, 50.9618

Deuteranomaly

30.4651, 25.9644, 40.4517

Tritanomaly

35.9458, 26.4138, 28.4031

Monochromacy



Original Color

38.7925, 26.6370, 42.1266

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

29.9638, 26.6232, 34.1314

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.7925, 26.6370, 42.1266 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(209, 105, 172)` looks like.

```
.text, #text, p{  
    color:rgb(209, 105, 172)  
}
```

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(209, 105, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 105, 172) }
```

Border

The CSS property to change the border of an element to XYZ 38.7925, 26.6370, 42.1266 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(209, 105, 172) }
```


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

```
.border{ border-color:rgb(209, 105, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 105, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 105, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 105, 172);  
box-shadow:4px 4px 4px 4px rgb(209, 105,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 38.7925, 26.6370, 42.1266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 105, 172) }
```

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

```
.background{ background-color: rgb(209,  
105, 172) }
```

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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