

Converting Colors

XYZ(38.9051, 26.9617, 37.4698)

Have a look what the booklet for
XYZ(38.9051, 26.9617, 37.4698)
contains.

XYZ(38.8270, 26.9138, 37.3309)	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(38.8270, 26.9138,
37.3309)**

Conversions

Conversions Part 1

Format	Color
Hex	D46AA2
RGB	212, 106, 162
RGB Percent	83%, 42%, 64%
CMY	0.1686, 0.5843, 0.3647
CMYK	0.00, 0.50, 0.24, 0.17
HSL	328°, 55%, 62%
HSV	328°, 50%, 83%
XYZ	38.8270, 26.9138, 37.3309
YIQ	144.0780, 45.2000, 39.8880

Conversions

Conversions Part 2

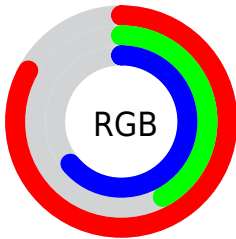
Format	Color
RYB	212, 106, 162
Decimal	13920930
CIELab	58.89, 48.17, -10.85
CIELCh	59, 49.382, 347.306
Yxy	26.9138, 0.3767, 0.2611
Android (android.graphics.Color)	4292111010 (0xFFD46AA2)
YUV	144.0780, 8.8355, 59.5676
Hunter-Lab	51.8785, 42.8059, -6.3491

Details

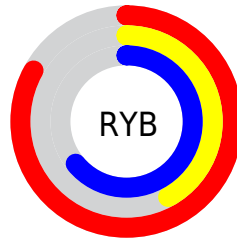
The XYZ color **38.8270, 26.9138, 37.3309** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **35.4894, 52.5522, 39.7282**, and the grayscale version is **26.4944, 27.8741, 30.3549**.

A 20% lighter version of the original color is **66.3352, 51.4114, 72.0728**, and **17.6051, 10.6406, 15.8778** is the 20% darker color. If you saturate the color by 10%, you get **36.0522, 22.7306, 32.1931**, and if you desaturate by 10%, it is **42.2140, 32.2078, 43.0221**.

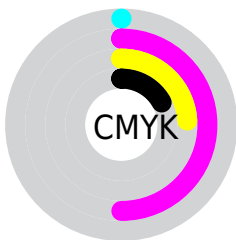
Distribution



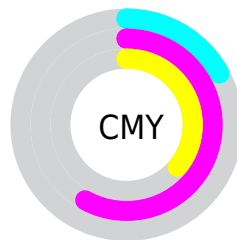
- Red (83%)
- Green (42%)
- Blue (64%)



- Red (83%)
- Yellow (42%)
- Blue (64%)



- Cyan (0%)
- Magenta (50%)
- Yellow (24%)
- Black (17%)





- Cyan (17%)
- Magenta (58%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.8270, 26.9138, 37.3309 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 38.8270, 26.9138, 37.3309 by changing the saturation by 10% instead.


 38.8270, 26.9138,
37.3309


 38.8270, 26.9138,
37.3309

332.3743,
287.2395, 349.9527


 26.8053, 17.5085,
25.1660

 72.6697, 54.7455,
72.2734


 17.5629, 10.5977,
15.9806


 95.2214, 73.9407,
95.8881

 10.7344, 5.7970,
9.3562


 122.0139, 97.1680,
124.1565

 5.9545, 2.7220,
4.8743

 153.4124,
124.8118, 157.4971

 2.8578, 0.9884,
2.1162

189.7823,
157.2564, 196.3285

 1.0790, 0.0000,
0.6254

231.4890,

 0.0075, 0.0000,

194.8863, 241.0692

0.0000

278.8979,
238.0859, 292.1377

■ 0.0000, 0.0000,
0.0000

■ 38.8270, 26.9138,
37.3309

■ 38.8270, 26.9138,
37.3309

■ 36.0522, 22.7306,
32.1931

■ 42.2140, 32.2078,
43.0221

■ 33.8452, 19.5726,
27.5851

■ 46.2489, 38.6821,
49.2857

■ 32.1587, 17.3479,
23.4830


■ 50.9672, 46.4050,
56.1413


■ 30.9362, 15.9461,
19.8593


■ 56.4011, 55.4387,
63.6069


■ 30.0761, 15.1670,
16.6710

■ 62.5806, 65.8409,
71.6997

 30.0758, 15.1668,
16.6702

 69.5342, 77.6660,
80.4360

 77.2885, 90.9654,
89.8316

 78.9392, 91.9282,
97.5915

 80.4830, 92.5457,
105.7210

Harmonies

Analogous

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



35.2152, 26.9138, 58.5247



38.8270, 26.9138, 37.3309



38.5050, 26.9138, 20.3982

Triad

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



38.8270, 26.9138, 37.3309



22.2452, 26.9138, 7.4995



18.4177, 26.9138, 61.6107

Complementary

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



38.8270, 26.9138, 37.3309



35.4894, 52.5522, 39.7282

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.



15.9301, 26.9138, 40.4863



38.8270, 26.9138, 37.3309



17.8864, 26.9138, 11.9079

Square

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



38.8270, 26.9138, 37.3309



28.2482, 26.9138, 7.2208



15.7525, 26.9138, 22.5200



23.0868, 26.9138, 75.8607

Rectangle

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



38.8270, 26.9138, 37.3309



36.1005, 26.9138, 13.2863



15.7525, 26.9138, 22.5200



17.3333, 26.9138, 54.7680

Sweetspot

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



38.8278, 26.9151, 37.3314



81.2682, 76.8688, 90.6414



30.6464, 22.0780, 64.9338



17.0247, 15.8389, 18.8892



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.



38.8278, 26.9151, 37.3314



54.5206, 34.1744, 48.4280



35.0956, 25.4222, 17.6780



12.6946, 12.5293, 14.3321



18.6183, 9.3837, 10.5601



1.1647, 0.5827, 0.8565

Inverse Universe

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



38.8278, 26.9151, 37.3314



54.5206, 34.1744, 48.4280



40.9309, 54.7288, 68.3827



12.6946, 12.5293, 14.3321



18.6183, 9.3837, 10.5601



1.1647, 0.5827, 0.8565

Previews

White Background



This preview shows how the XYZ color 38.8270, 26.9138, 37.3309 looks on a white background.

Color Contrast Check

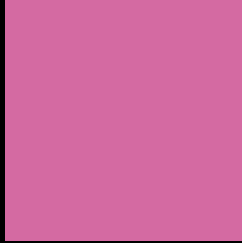
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.8270, 26.9138, 37.3309 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

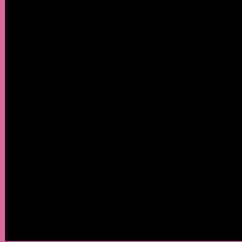
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 38.8270, 26.9138, 37.3309

Background



This preview shows how black text looks on a background with the XYZ color 38.8270, 26.9138, 37.3309.



This preview shows how white text looks on a background with the XYZ color 38.8270, 26.9138,

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

38.8270, 26.9138, 37.3309

Protanopia

27.5937, 27.3407, 50.2773

Deuteranopia

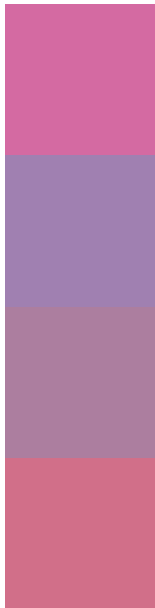
27.5687, 27.0008, 35.6569



Tritanopia

35.5426, 26.8497, 21.7216

Trichromacy



Original Color

38.8270, 26.9138, 37.3309

Protanomaly

30.1522, 26.0863, 45.0409

Deuteranomaly

30.7321, 26.1956, 36.2374

Tritanomaly

36.4943, 26.7303, 26.9029

Monochromacy



Original Color

38.8270, 26.9138, 37.3309

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

29.9307, 26.6346, 32.8416

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.8270, 26.9138, 37.3309 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(212, 106, 162)` looks like.

```
.text, #text, p{  
    color:rgb(212, 106, 162)  
}
```

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(212, 106, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 106, 162) }
```

Border

The CSS property to change the border of an element to XYZ 38.8270, 26.9138, 37.3309 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(212, 106, 162) }
```


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

```
.border{ border-color:rgb(212, 106, 162) }
```

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

Here you see how a box with a 4 pixel rgb(212, 106, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 106, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 106, 162);  
box-shadow:4px 4px 4px 4px rgb(212, 106,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 38.8270, 26.9138, 37.3309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 106, 162) }
```

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

```
.background{ background-color: rgb(212,  
106, 162) }
```

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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