

Converting Colors

XYZ(38.8332, 26.8395, 33.8150)

Have a look what the booklet for
XYZ(38.8332, 26.8395, 33.8150)
contains.

XYZ(38.9086, 26.8833, 33.7101)	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(38.9086, 26.8833,
33.7101)**

Conversions

Conversions Part 1

Format	Color
Hex	D7699A
RGB	215, 105, 154
RGB Percent	84%, 41%, 60%
CMY	0.1569, 0.5882, 0.3961
CMYK	0.00, 0.51, 0.28, 0.16
HSL	333°, 58%, 63%
HSV	333°, 51%, 84%
XYZ	38.9086, 26.8833, 33.7101
YIQ	143.4760, 49.8310, 38.5590

Conversions

Conversions Part 2

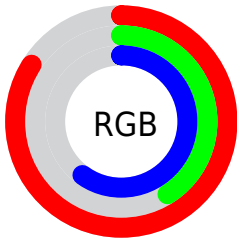
Format	Color
R_{YB}	215, 105, 154
Decimal	14117274
CIE Lab	58.87, 48.56, -6.22
CIE LCh	59, 48.953, 352.700
Yxy	26.8833, 0.3910, 0.2702
Android (android.graphics.Color)	4292307354 (0xFFD7699A)
YUV	143.4760, 5.1883, 62.7265
Hunter-Lab	51.8491, 43.2140, -2.2535

Details

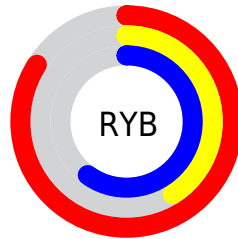
The XYZ color **38.9086, 26.8833, 33.7101** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **37.0104, 54.3580, 44.6207**, and the grayscale version is **26.2655, 27.6334, 30.0927**.

A 20% lighter version of the original color is **65.0233, 50.6103, 66.0162**, and **17.5366, 10.5150, 13.9373** is the 20% darker color. If you saturate the color by 10%, you get **36.0448, 22.6667, 28.0969**, and if you desaturate by 10%, it is **42.4261, 32.2490, 40.0284**.

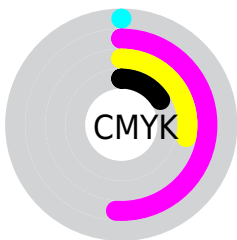
Distribution



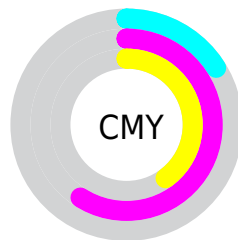
- Red (84%)
- Green (41%)
- Blue (60%)



- Red (84%)
- Yellow (41%)
- Blue (60%)



- Cyan (0%)
- Magenta (51%)
- Yellow (28%)
- Black (16%)





- Cyan (16%)
- Magenta (59%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.9086, 26.8833, 33.7101 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 38.9086, 26.8833, 33.7101 by changing the saturation by 10% instead.


 38.9086, 26.8833,
33.7101


 38.9086, 26.8833,
33.7101


332.7156,
287.0916, 333.5671


 26.8690, 17.4856,
22.3954


 72.7936, 54.6965,
66.6113


 17.6110, 10.5813,
13.9467


 95.3698, 73.8809,
89.0350

 10.7690, 5.7861,
7.9452


 122.1889, 97.0962,
115.9987

 5.9779, 2.7154,
3.9727

 153.6163,
124.7269, 147.9210

 2.8722, 0.9850,
1.6104

190.0173,
157.1574, 185.2204

 1.0865, 0.0000,
0.2982

231.7573,

 0.0138, 0.0000,

194.7721, 228.3156

0.0000

279.2016,
237.9554, 277.6249

■ 0.0000, 0.0000,
0.0000

■ 38.9086, 26.8833,
33.7101

■ 38.9086, 26.8833,
33.7101

■ 36.0448, 22.6667,
28.0969

■ 42.4261, 32.2490,
40.0284

■ 33.7869, 19.5089,
23.1581

■ 46.6358, 38.8371,
47.0774

■ 32.0841, 17.3125,
18.8621

■ 51.5759, 46.7195,
54.8832

■ 30.8749, 15.9601,
15.1729

■ 57.2810, 55.9612,
63.4698

■ 30.1250, 15.2873,
12.3732

■ 63.7834, 66.6231,
72.8601

■ 71.1135, 78.7621,
83.0759

■ 79.1383, 92.1087,
94.0842

■ 80.9437, 92.8308,
103.5914

■ 81.8344, 93.1871,
108.2815

Harmonies

Analogous

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



35.9631, 26.8833, 54.4459



38.9086, 26.8833, 33.7101



37.8508, 26.8833, 18.2086

Triad

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



38.9086, 26.8833, 33.7101



21.3218, 26.8833, 8.0435



19.1330, 26.8833, 64.5589

Complementary

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



38.9086, 26.8833, 33.7101



37.0104, 54.3580, 44.6207

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.



16.2553, 26.8833, 44.0960



38.9086, 26.8833, 33.7101



17.3729, 26.8833, 13.3728

Square

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



38.9086, 26.8833, 33.7101



27.0580, 26.8833, 7.1062



15.6660, 26.8833, 25.2404



24.1025, 26.8833, 76.2888

Rectangle

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



38.9086, 26.8833, 33.7101



35.0858, 26.8833, 11.9971



15.6660, 26.8833, 25.2404



17.9232, 26.8833, 58.1628

Sweetspot

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



38.9094, 26.8846, 33.7106



80.8092, 76.6852, 88.2246



32.9398, 23.0641, 67.0058



16.9144, 15.7948, 18.3083



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.



38.9094, 26.8846, 33.7106



52.8813, 33.1239, 41.0128



36.2052, 26.7285, 16.6172



12.6508, 12.5118, 14.1015



18.0700, 9.1643, 7.6725



1.1312, 0.5693, 0.6803

Inverse Universe

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



38.9094, 26.8846, 33.7106



52.8813, 33.1239, 41.0128



41.0156, 53.7568, 72.5044



12.6508, 12.5118, 14.1015



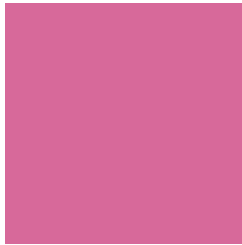
18.0700, 9.1643, 7.6725



1.1312, 0.5693, 0.6803

Previews

White Background



This preview shows how the XYZ color 38.9086, 26.8833, 33.7101 looks on a white background.

Color Contrast Check

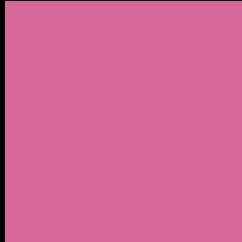
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.9086, 26.8833, 33.7101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

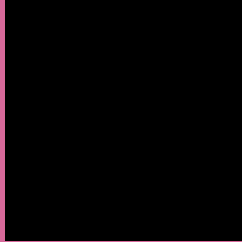
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 38.9086, 26.8833, 33.7101

Background



This preview shows how black text looks on a background with the XYZ color 38.9086, 26.8833, 33.7101.



This preview shows how white text looks on a background with the XYZ color 38.9086, 26.8833,

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

38.9086, 26.8833, 33.7101

Protanopia

27.1336, 27.2106, 45.4171

Deuteranopia

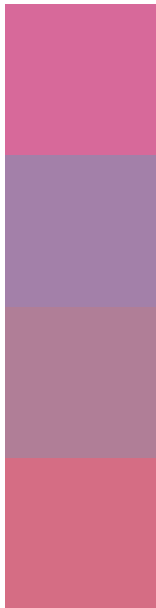
27.6502, 27.1192, 32.2110



Tritanopia

36.3357, 26.9415, 21.0544

Trichromacy



Original Color

38.9086, 26.8833, 33.7101

Protanomaly

29.9849, 26.0894, 40.9915

Deuteranomaly

30.9513, 26.3862, 32.7399

Tritanomaly

37.0741, 26.7494, 25.0389

Monochromacy



Original Color

38.9086, 26.8833, 33.7101

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

29.4789, 26.2421, 31.1153

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.9086, 26.8833, 33.7101 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(215, 105, 154)` looks like.

```
.text, #text, p{  
    color:rgb(215, 105, 154)  
}
```

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(215, 105, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 105, 154) }
```

Border

The CSS property to change the border of an element to XYZ 38.9086, 26.8833, 33.7101 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(215, 105, 154) }
```


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

```
.border{ border-color:rgb(215, 105, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 105, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 105, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 105, 154);  
box-shadow:4px 4px 4px 4px rgb(215, 105,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 38.9086, 26.8833, 33.7101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 105, 154) }
```

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

```
.background{ background-color: rgb(215,  
105, 154) }
```

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