

Converting Colors

XYZ(39.7802, 27.1726, 34.1585)

Have a look what the booklet for XYZ(39.7802, 27.1726, 34.1585) contains.

XYZ(39.7802, 27.1726, 34.1585)	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(39.7802, 27.1726,
34.1585)**

Conversions

Conversions Part 1

Format	Color
Hex	DA689B
RGB	218, 104, 155
RGB Percent	85%, 41%, 61%
CMY	0.1451, 0.5921, 0.3922
CMYK	0.00, 0.52, 0.29, 0.15
HSL	333°, 61%, 63%
HSV	333°, 52%, 85%
XYZ	39.7802, 27.1726, 34.1585
YIQ	143.9000, 51.5730, 40.0290

Conversions

Conversions Part 2

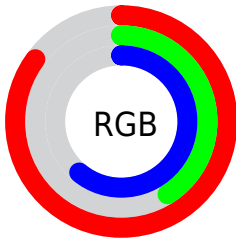
Format	Color
R _Y B	218, 104, 155
Decimal	14313627
CIE Lab	59.13, 50.15, -6.36
CIE LCh	59, 50.556, 352.778
Yxy	27.1726, 0.3934, 0.2687
Android (android.graphics.Color)	4292503707 (0xFFDA689B)
YUV	143.9000, 5.4723, 64.9857
Hunter-Lab	52.1273, 44.9967, -2.3630

Details

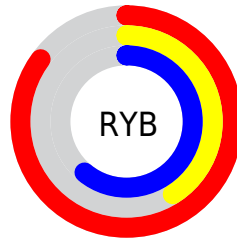
The XYZ color **39.7802, 27.1726, 34.1585** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **37.7568, 55.8768, 45.3575**, and the grayscale version is **26.4340, 27.8107, 30.2858**.

A 20% lighter version of the original color is **65.1468, 50.6597, 66.6663**, and **18.1365, 10.7543, 14.2166** is the 20% darker color. If you saturate the color by 10%, you get **36.9008, 22.9530, 28.4533**, and if you desaturate by 10%, it is **43.3292, 32.5695, 40.5856**.

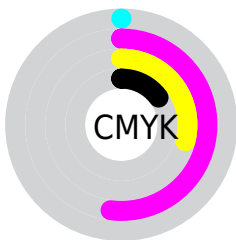
Distribution



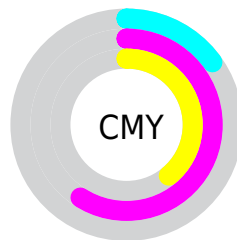
- Red (85%)
- Green (41%)
- Blue (61%)



- Red (85%)
- Yellow (41%)
- Blue (61%)



- Cyan (0%)
- Magenta (52%)
- Yellow (29%)
- Black (15%)





- Cyan (15%)
- Magenta (59%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.7802, 27.1726, 34.1585 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 39.7802, 27.1726, 34.1585 by changing the saturation by 10% instead.


 39.7802, 27.1726,
34.1585


 39.7802, 27.1726,
34.1585


336.3466,
288.4918, 335.6289


 27.5507, 17.7029,
22.7370


 74.1152, 55.1607,
67.3168


 18.1259, 10.7369,
14.1960


 96.9513, 74.4479,
89.8907

 11.1407, 5.8902,
8.1168


 124.0537, 97.7764,
117.0192

 6.2295, 2.7784,
4.0809

 155.7876,
125.5305, 149.1207

 3.0271, 1.0172,
1.6698

192.5186,
158.0948, 186.6140

 1.1681, 0.0000,
0.3399

234.6118,

 0.0810, 0.0000,

195.8535, 229.9174

0.0000

282.4327,
239.1910, 279.4495

■ 0.0000, 0.0000,
0.0000

■ 39.7802, 27.1726,
34.1585

■ 39.7802, 27.1726,
34.1585

■ 36.9008, 22.9530,
28.4533

■ 43.3292, 32.5695,
40.5856

■ 34.6411, 19.8160,
23.4379

■ 47.5883, 39.2206,
47.7612

■ 32.9474, 17.6593,
19.0797

■ 52.5972, 47.2008,
55.7122

■ 31.7548, 16.3579,
15.3409

■ 58.3919, 56.5782,
64.4634

■ 31.0956, 15.7783,
12.8436

■ 65.0061, 67.4159,
74.0385

■ 72.4715, 79.7734,
84.4601

■ 80.3034, 92.6774,
95.5783

■ 82.1469, 93.4148,
105.2861

■ 82.7236, 93.6455,
108.3231

Harmonies

Analogous

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



36.7049, 27.1726, 55.8763



39.7802, 27.1726, 34.1585



38.6608, 27.1726, 18.0997

Triad

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



39.7802, 27.1726, 34.1585



21.4213, 27.1726, 7.7620



19.1794, 27.1726, 66.6297

Complementary

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



39.7802, 27.1726, 34.1585



37.7568, 55.8768, 45.3575

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.



16.2029, 27.1726, 45.1256



39.7802, 27.1726, 34.1585



17.3431, 27.1726, 13.1898

Square

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



39.7802, 27.1726, 34.1585



27.3774, 27.1726, 6.8094



15.5899, 27.1726, 25.4415



24.3358, 27.1726, 78.9734

Rectangle

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



39.7802, 27.1726, 34.1585



35.7607, 27.1726, 11.7452



15.5899, 27.1726, 25.4415



17.9273, 27.1726, 59.8985

Sweetspot

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



39.7810, 27.1740, 34.1590



79.9669, 75.3063, 87.0015



33.4796, 23.1470, 69.0333



16.7483, 15.5233, 18.0665



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.



39.7810, 27.1740, 34.1590



52.1766, 32.0889, 39.6238



36.9569, 26.9936, 16.3608



13.2969, 13.1479, 14.8248



18.6819, 9.4738, 7.9710



1.2533, 0.6309, 0.7427

Inverse Universe

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



39.7810, 27.1740, 34.1590



52.1766, 32.0889, 39.6238



41.9833, 55.2429, 74.7802



13.2969, 13.1479, 14.8248



18.6819, 9.4738, 7.9710



1.2533, 0.6309, 0.7427

Previews

White Background



This preview shows how the XYZ color 39.7802, 27.1726, 34.1585 looks on a white background.

Color Contrast Check

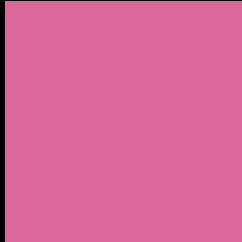
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.7802, 27.1726, 34.1585 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

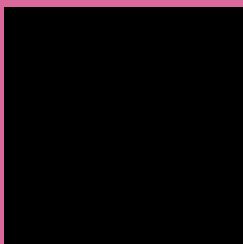
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 39.7802, 27.1726, 34.1585

Background



This preview shows how black text looks on a background with the XYZ color 39.7802, 27.1726, 34.1585.



This preview shows how white text looks on a background with the XYZ color 39.7802, 27.1726,

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

39.7802, 27.1726, 34.1585

Protanopia

27.4931, 27.3728, 46.4823

Deuteranopia

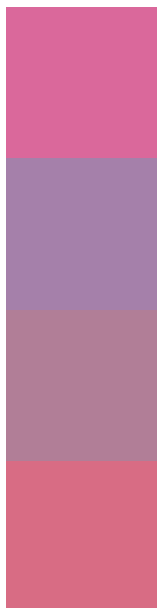
27.9839, 27.5052, 32.2679



Tritanopia

37.0385, 27.1479, 20.7407

Trichromacy



Original Color

39.7802, 27.1726, 34.1585

Protanomaly

30.4919, 26.3400, 41.5072

Deuteranomaly

31.1782, 26.5032, 32.7505

Tritanomaly

37.8463, 26.9900, 25.0447

Monochromacy



Original Color

39.7802, 27.1726, 34.1585

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

29.9901, 26.4966, 31.5507

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.7802, 27.1726, 34.1585 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, 104, 155)` looks like.

```
.text, #text, p{  
    color:rgb(218, 104, 155)  
}
```

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, 104, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 104, 155) }
```

Border

The CSS property to change the border of an element to XYZ 39.7802, 27.1726, 34.1585 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, 104, 155) }
```


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

```
.border{ border-color:rgb(218, 104, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 104, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 104, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 104, 155);  
box-shadow:4px 4px 4px 4px rgb(218, 104,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 39.7802, 27.1726, 34.1585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 104, 155) }
```

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

```
.background{ background-color: rgb(218,  
104, 155) }
```

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