

Converting Colors

XYZ(39.7853, 26.6526, 29.7956)

Have a look what the booklet for
XYZ(39.7853, 26.6526, 29.7956)
contains.

XYZ(39.7922, 26.6883, 29.8421)	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(39.7922, 26.6883,
29.8421)**

Conversions

Conversions Part 1

Format	Color
Hex	DE6491
RGB	222, 100, 145
RGB Percent	87%, 39%, 57%
CMY	0.1294, 0.6078, 0.4314
CMYK	0.00, 0.55, 0.35, 0.13
HSL	338°, 65%, 63%
HSV	338°, 55%, 87%
XYZ	39.7922, 26.6883, 29.8421
YIQ	141.6080, 58.2670, 39.8590

Conversions

Conversions Part 2

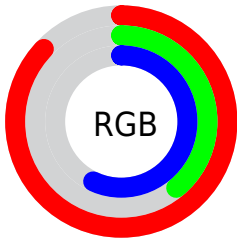
Format	Color
R _Y B	222, 100, 145
Decimal	14574737
CIE Lab	58.68, 52.13, -1.15
CIE LCh	59, 52.140, 358.740
Yxy	26.6883, 0.4131, 0.2771
Android (android.graphics.Color)	4292764817 (0xFFDE6491)
YUV	141.6080, 1.6723, 70.5038
Hunter-Lab	51.6607, 47.0852, 1.9133

Details

The XYZ color **39.7922, 26.6883, 29.8421** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **39.3141, 58.1269, 50.7460**, and the grayscale version is **25.5349, 26.8647, 29.2557**.

A 20% lighter version of the original color is **63.2701, 48.8262, 60.1225**, and **18.1082, 10.4895, 11.8967** is the 20% darker color. If you saturate the color by 10%, you get **36.9309, 22.5894, 23.8823**, and if you desaturate by 10%, it is **43.3683, 32.0032, 36.6982**.

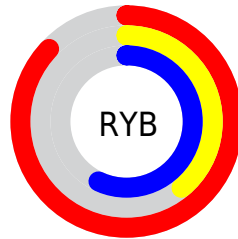
Distribution



Red (87%)

Green (39%)

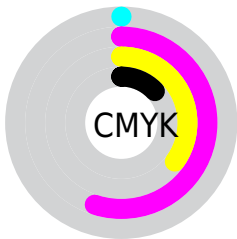
Blue (57%)



Red (87%)

Yellow (39%)

Blue (57%)

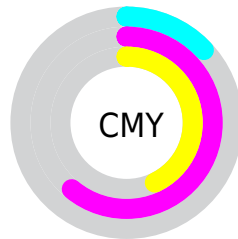


Cyan (0%)

Magenta (55%)

Yellow (35%)

Black (13%)



Cyan (13%)


Magenta (61%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.7922, 26.6883, 29.8421 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 39.7922, 26.6883, 29.8421 by changing the saturation by 10% instead.


 39.7922, 26.6883,
29.8421


 39.7922, 26.6883,
29.8421


336.3964,
286.1447, 315.3521

 27.5601, 17.3393,
19.4677


 74.1333, 54.3833,
60.4704


 18.1330, 10.4767,
11.8285


 96.9730, 73.4980,
81.5615

 11.1458, 5.7161,
6.5059


 124.0793, 96.6368,
107.0618

 6.2330, 2.6733,
3.0813

 155.8175,
124.1840, 137.3900

 3.0293, 0.9636,
1.1363

192.5529,
156.5239, 172.9646

 1.1693, 0.0000,
0.0000

234.6510,

 0.0819, 0.0000,

194.0411, 214.2041

0.0000

282.4770,
237.1199, 261.5271

■ 0.0000, 0.0000,
0.0000

■ 39.7922, 26.6883,
29.8421

■ 39.7922, 26.6883,
29.8421

■ 36.9309, 22.5894,
23.8823

■ 43.3683, 32.0032,
36.6982

■ 34.7289, 19.6038,
18.7758

■ 47.7045, 38.6178,
44.4875

■ 33.1258, 17.6186,
14.4773


■ 52.8447, 46.6128,
53.2465


■ 32.0474, 16.4942,
10.9352


■ 58.8288, 56.0613,
63.0091

■ 31.6426, 16.1369,
9.4053

■ 65.6939, 67.0312,
73.8073

 73.4750, 79.5861,
85.6719

 82.0749, 93.5259,
98.5886

 83.9342, 94.2696,
108.3798

Harmonies

Analogous

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



37.4288, 26.6883, 51.4953



39.7922, 26.6883, 29.8421



37.7811, 26.6883, 15.1758

Triad

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



39.7922, 26.6883, 29.8421



19.8894, 26.6883, 7.7962



19.4929, 26.6883, 70.8837

Complementary

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



39.7922, 26.6883, 29.8421



39.3141, 58.1269, 50.7460

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.



16.0213, 26.6883, 49.5517



39.7922, 26.6883, 29.8421



16.2216, 26.6883, 14.3206

Square

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



39.7922, 26.6883, 29.8421



25.6384, 26.6883, 6.1266



14.9314, 26.6883, 28.2898



25.0964, 26.6883, 80.5647

Rectangle

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



39.7922, 26.6883, 29.8421



34.3940, 26.6883, 9.7809



14.9314, 26.6883, 28.2898



18.0753, 26.6883, 64.4915

Sweetspot

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



39.7929, 26.6897, 29.8426



79.5147, 75.1254, 84.6201



35.4749, 23.5310, 71.7794



16.6410, 15.4803, 17.5014



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.



39.7929, 26.6897, 29.8426



50.0306, 30.1906, 31.5290



38.4692, 28.5386, 15.5394



13.9152, 13.7837, 15.3236



18.8443, 9.6047, 5.8456



1.3484, 0.6826, 0.6274

Inverse Universe

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



39.7929, 26.6897, 29.8426



50.0306, 30.1906, 31.5290



40.9404, 52.9821, 77.1760



13.9152, 13.7837, 15.3236



18.8443, 9.6047, 5.8456



1.3484, 0.6826, 0.6274

Previews

White Background



This preview shows how the XYZ color 39.7922, 26.6883, 29.8421 looks on a white background.

Color Contrast Check

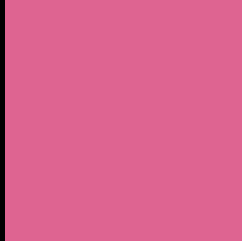
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.7922, 26.6883, 29.8421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

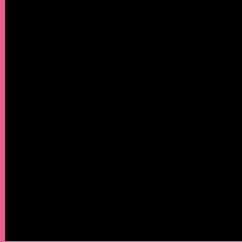
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 39.7922, 26.6883, 29.8421

Background



This preview shows how black text looks on a background with the XYZ color 39.7922, 26.6883, 29.8421.



This preview shows how white text looks on a background with the XYZ color 39.7922, 26.6883,

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

39.7922, 26.6883, 29.8421

Protanopia

26.6255, 26.8093, 41.8016

Deuteranopia

27.3162, 26.8233, 28.1638



Tritanopia

37.4047, 26.5830, 19.0792

Trichromacy



Original Color

39.7922, 26.6883, 29.8421

Protanomaly

29.7030, 25.4559, 37.0662

Deuteranomaly

30.8378, 26.0417, 28.6005

Tritanomaly

38.1672, 26.5969, 22.5241

Monochromacy



Original Color

39.7922, 26.6883, 29.8421

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

29.3419, 25.8198, 29.4238

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.7922, 26.6883, 29.8421 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(222, 100, 145)` looks like.

```
.text, #text, p{  
    color:rgb(222, 100, 145)  
}
```

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(222, 100, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 100, 145) }
```

Border

The CSS property to change the border of an element to XYZ 39.7922, 26.6883, 29.8421 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(222, 100, 145) }
```


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

```
.border{ border-color:rgb(222, 100, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 100, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 100, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 100, 145);  
box-shadow:4px 4px 4px 4px rgb(222, 100,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 39.7922, 26.6883, 29.8421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 100, 145) }
```

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

```
.background{ background-color: rgb(222,  
100, 145) }
```

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