

Converting Colors

XYZ(40.3828, 26.4492, 42.9526)

Have a look what the booklet for
XYZ(40.3828, 26.4492, 42.9526)
contains.

XYZ(40.3266, 26.3903, 43.0128)	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(40.3266, 26.3903,
43.0128)**

Conversions

Conversions Part 1

Format	Color
Hex	D862AE
RGB	216, 98, 174
RGB Percent	85%, 38%, 68%
CMY	0.1529, 0.6157, 0.3176
CMYK	0.00, 0.55, 0.19, 0.15
HSL	321°, 60%, 62%
HSV	321°, 55%, 85%
XYZ	40.3266, 26.3903, 43.0128
YIQ	141.9460, 45.9320, 48.6520

Conversions

Conversions Part 2

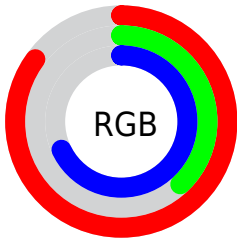
Format	Color
R _{YB}	216, 98, 174
Decimal	14181038
CIE _{Lab}	58.41, 55.00, -18.46
CIE _{LCh}	58, 58.014, 341.442
Yxy	26.3903, 0.3675, 0.2405
Android (android.graphics.Color)	4292371118 (0xFFD862AE)
YUV	141.9460, 15.8026, 64.9454
Hunter-Lab	51.3715, 50.2223, -13.6828

Details

The XYZ color **40.3266, 26.3903, 43.0128** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **34.3278, 53.6027, 33.3505**, and the grayscale version is **25.6176, 26.9517, 29.3504**.

A 20% lighter version of the original color is **66.9142, 49.7556, 80.9399**, and **18.3797, 10.3055, 19.1096** is the 20% darker color. If you saturate the color by 10%, you get **37.8432, 22.5887, 38.5922**, and if you desaturate by 10%, it is **43.3997, 31.3020, 47.8422**.

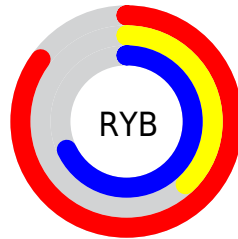
Distribution



Red (85%)

Green (38%)

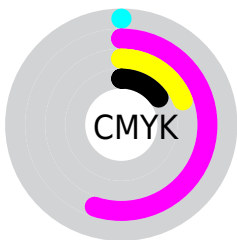
Blue (68%)



Red (85%)

Yellow (38%)

Blue (68%)

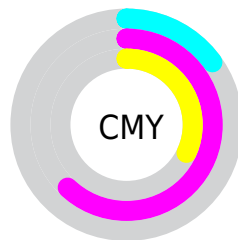


Cyan (0%)

Magenta (55%)

Yellow (19%)

Black (15%)



Cyan (15%)


Magenta (62%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.3266, 26.3903, 43.0128 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 40.3266, 26.3903, 43.0128 by changing the saturation by 10% instead.


 40.3266, 26.3903,
43.0128

 40.3266, 26.3903,
43.0128


338.6091,
284.6928, 374.5872


 27.9786, 17.1159,
29.5637


 74.9418, 53.9039,
81.0167


 18.4499, 10.3171,
19.2584


 97.9397, 72.9119,
106.4086

 11.3751, 5.6097,
11.6784


 125.2183, 95.9332,
136.6186

 6.3889, 2.6093,
6.4053

 157.1429,
123.3521, 172.0650

 3.1259, 0.9313,
3.0203

194.0790,
155.5532, 213.1666

 1.2207, 0.0000,
1.1050

236.3918,

 0.1226, 0.0000,

192.9207, 260.3418

0.0000

284.4467,
235.8391, 314.0091

■ 0.0000, 0.0000,
0.0000

■ 40.3266, 26.3903,
43.0128

■ 40.3266, 26.3903,
43.0128

■ 37.8432, 22.5887,
38.5922

■ 43.3997, 31.3020,
47.8422

■ 35.9015, 19.8032,
34.5600

■ 47.1008, 37.4003,
53.0958

■ 34.4493, 17.9305,
30.8957

■ 51.4676, 44.7590,
58.7898

■ 33.4225, 16.8432,
27.5741

■ 56.5340, 53.4451,
64.9388

■ 32.9877, 16.4665,
25.9100

■ 62.3317, 63.5207,
71.5564

■ 68.8902, 75.0440,
78.6558

■ 76.2374, 88.0697,
86.2491

■ 79.1482, 92.1467,
92.5978

■ 80.2866, 92.6020,
98.5929

Harmonies

Analogous

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



35.2140, 26.3903, 68.9833



40.3266, 26.3903, 43.0128



40.9296, 26.3903, 21.6741

Triad

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



40.3266, 26.3903, 43.0128



22.4786, 26.3903, 4.9593



16.2005, 26.3903, 63.0294

Complementary

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



40.3266, 26.3903, 43.0128



34.3278, 53.6027, 33.3505

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.



13.9674, 26.3903, 37.1825



40.3266, 26.3903, 43.0128



17.1096, 26.3903, 8.2988

Square

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



40.3266, 26.3903, 43.0128



29.6695, 26.3903, 5.3577



14.2655, 26.3903, 18.0276



20.9957, 26.3903, 83.7985

Rectangle

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



40.3266, 26.3903, 43.0128



38.5808, 26.3903, 12.8192



14.2655, 26.3903, 18.0276



15.1701, 26.3903, 54.2439

Sweetspot

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



40.3274, 26.3916, 43.0133



81.1364, 75.7741, 93.1598



27.4614, 19.2096, 67.2267



17.0271, 15.6348, 19.5345



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.



40.3274, 26.3916, 43.0133



54.4849, 31.9723, 54.9849



35.8226, 24.5897, 19.2915



12.7566, 12.5542, 14.6587



19.5784, 9.7677, 15.6156



1.2196, 0.6046, 1.1460

Inverse Universe

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



40.3274, 26.3916, 43.0133



54.4849, 31.9723, 54.9849



39.8216, 55.8003, 62.2803



12.7566, 12.5542, 14.6587



19.5784, 9.7677, 15.6156



1.2196, 0.6046, 1.1460

Previews

White Background



This preview shows how the XYZ color 40.3266, 26.3903, 43.0128 looks on a white background.

Color Contrast Check

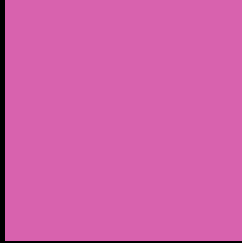
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.3266, 26.3903, 43.0128 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 40.3266, 26.3903, 43.0128

Background



This preview shows how black text looks on a background with the XYZ color 40.3266, 26.3903, 43.0128.



This preview shows how white text looks on a background with the XYZ color 40.3266, 26.3903,

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

40.3266, 26.3903, 43.0128

Protanopia

27.8774, 26.8179, 60.8338

Deuteranopia

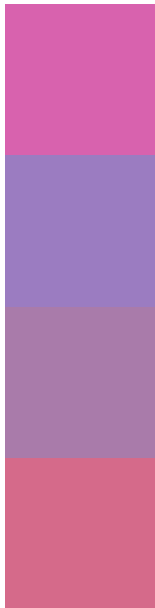
27.3117, 26.7549, 40.7705



Tritanopia

35.7099, 26.3088, 20.3355

Trichromacy



Original Color

40.3266, 26.3903, 43.0128

Protanomaly

30.3509, 25.2341, 53.7231

Deuteranomaly

30.7008, 25.5032, 41.3347

Tritanomaly

37.1821, 26.2892, 27.1594

Monochromacy



Original Color

40.3266, 26.3903, 43.0128

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

29.6558, 25.6898, 33.9675

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.3266, 26.3903, 43.0128 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(216, 98, 174)` looks like.

```
.text, #text, p{  
    color:rgb(216, 98, 174)  
}
```

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(216, 98, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 98, 174) }
```

Border

The CSS property to change the border of an element to XYZ 40.3266, 26.3903, 43.0128 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(216, 98, 174) }
```


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

```
.border{ border-color:rgb(216, 98, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 98, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 98, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 98, 174);  
box-shadow:4px 4px 4px 4px rgb(216, 98,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 40.3266, 26.3903, 43.0128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 98, 174) }
```

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

```
.background{ background-color: rgb(216, 98,  
174) }
```

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