

Converting Colors

XYZ(40.8176, 26.9421, 51.4350)

Have a look what the booklet for
XYZ(40.8176, 26.9421, 51.4350)
contains.

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Color

**XYZ(40.7030, 26.8304,
51.1776)**

Conversions

Conversions Part 1

Format	Color
Hex	D365BD
RGB	211, 101, 189
RGB Percent	83%, 40%, 74%
CMY	0.1725, 0.6039, 0.2588
CMYK	0.00, 0.52, 0.10, 0.17
HSL	312°, 56%, 61%
HSV	312°, 52%, 83%
XYZ	40.7030, 26.8304, 51.1776
YIQ	143.9220, 37.3120, 50.6880

Conversions

Conversions Part 2

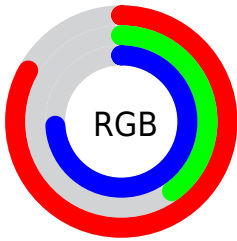
Format	Color
R_{YB}	211, 101, 189
Decimal	13854141
CIE _{Lab}	58.82, 54.39, -26.51
CIE _{LCh}	59, 60.505, 334.017
Yxy	26.8304, 0.3429, 0.2260
Android (android.graphics.Color)	4292044221 (0xFFD365BD)
YUV	143.9220, 22.2235, 58.8274
Hunter-Lab	51.7981, 49.6189, -22.3211

Details

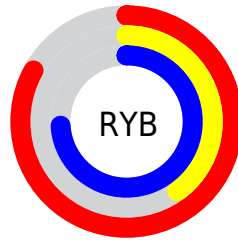
The XYZ color **40.7030, 26.8304, 51.1776** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **32.2375, 50.7863, 26.8446**, and the grayscale version is **26.3818, 27.7557, 30.2259**.

A 20% lighter version of the original color is **69.6099, 51.6295, 92.6828**, and **18.6766, 10.5733, 23.9782** is the 20% darker color. If you saturate the color by 10%, you get **38.4598, 23.0661, 48.2026**, and if you desaturate by 10%, it is **43.4871, 31.6542, 54.3992**.

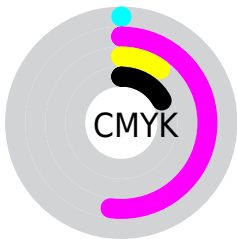
Distribution



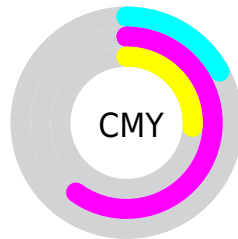
- Red (83%)
- Green (40%)
- Blue (74%)



- Red (83%)
- Yellow (40%)
- Blue (74%)



- Cyan (0%)
- Magenta (52%)
- Yellow (10%)
- Black (17%)





- Cyan (17%)
- Magenta (60%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.7030, 26.8304, 51.1776 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 40.7030, 26.8304, 51.1776 by changing the saturation by 10% instead.


 40.7030, 26.8304,
51.1776


 40.7030, 26.8304,
51.1776

340.1616,
286.8350, 408.1196


 28.2737, 17.4459,
35.9723


 75.5104, 54.6116,
93.3314


 18.6736, 10.5529,
24.1232


 98.6192, 73.7771,
121.1170

 11.5373, 5.7671,
15.2120


 126.0186, 96.9716,
153.9331

 6.4994, 2.7040,
8.8201

 158.0740,
124.5797, 192.1982

 3.1946, 0.9792,
4.5288

195.1506,
156.9857, 236.3308

 1.2575, 0.0000,
1.9197

237.6138,

 0.1510, 0.0000,

194.5740, 286.7496

0.5052

285.8290,
237.7290, 343.8730

■ 0.0000, 0.0000,
0.0000

■ 40.7030, 26.8304,
51.1776

■ 40.7030, 26.8304,
51.1776

■ 38.4598, 23.0661,
48.2026

■ 43.4871, 31.6542,
54.3992

■ 36.7137, 20.2752,
45.4582

■ 46.8464, 37.6073,
57.8786

■ 35.4181, 18.3646,
42.9287

■ 50.8152, 44.7579,
61.6281

■ 34.5165, 17.2210,
40.5946

■ 55.4245, 53.1676,
65.6584

■ 34.0068, 16.7060,
38.8691

■ 60.7032, 62.8940,
69.9798

■ 66.6783, 73.9910,
74.6017

■ 73.3753, 86.5095,
79.5333

■ 75.9116, 90.6840,
83.1474

■ 76.4871, 90.9142,
86.1778

Harmonies

Analogous

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



34.4040, 26.8304, 78.2509



40.7030, 26.8304, 51.1776



42.6670, 26.8304, 26.4275

Triad

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



40.7030, 26.8304, 51.1776



24.5091, 26.8304, 4.4012



15.3584, 26.8304, 58.7740

Complementary

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



40.7030, 26.8304, 51.1776



32.2375, 50.7863, 26.8446

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.



13.6956, 26.8304, 32.1893



40.7030, 26.8304, 51.1776



18.2848, 26.8304, 6.6708

Square

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



40.7030, 26.8304, 51.1776



32.3210, 26.8304, 5.6517



14.6523, 26.8304, 14.6515



19.7158, 26.8304, 83.9378

Rectangle

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



40.7030, 26.8304, 51.1776



40.9879, 26.8304, 15.4732



14.6523, 26.8304, 14.6515



14.5090, 26.8304, 49.3427

Sweetspot

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



40.7039, 26.8317, 51.1781



82.1009, 76.1599, 98.2390



24.5813, 18.2230, 63.8505



17.2583, 15.7272, 20.7518



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.



40.7039, 26.8317, 51.1781



58.5754, 34.6484, 73.3193



35.8219, 24.8789, 25.4699



12.2052, 11.9668, 14.3566



20.5601, 10.0969, 23.6535



1.1760, 0.5751, 1.4615

Inverse Universe

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



40.7039, 26.8317, 51.1781



58.5754, 34.6484, 73.3193



36.6981, 52.5705, 50.3337



12.2052, 11.9668, 14.3566



20.5601, 10.0969, 23.6535



1.1760, 0.5751, 1.4615

Previews

White Background



This preview shows how the XYZ color 40.7030, 26.8304, 51.1776 looks on a white background.

Color Contrast Check

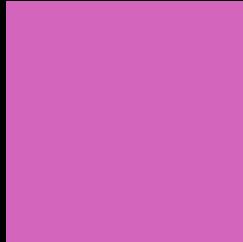
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.7030, 26.8304, 51.1776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

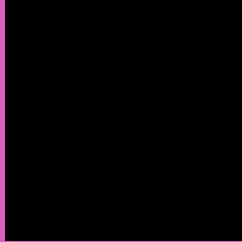
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 40.7030, 26.8304, 51.1776

Background



This preview shows how black text looks on a background with the XYZ color 40.7030, 26.8304, 51.1776.

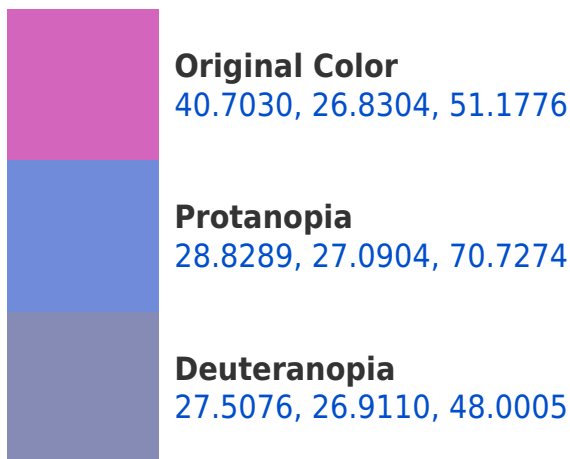


This preview shows how white text looks on a background with the XYZ color 40.7030, 26.8304,

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





Tritanopia

34.7853, 26.7834, 22.4051

Trichromacy



Original Color

40.7030, 26.8304, 51.1776

Protanomaly

31.1132, 25.6109, 62.9781

Deuteranomaly

30.9909, 25.8514, 49.2554

Tritanomaly

36.7619, 26.7724, 31.2470

Monochromacy



Original Color

40.7030, 26.8304, 51.1776

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

30.2128, 26.3012, 36.7420

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.7030, 26.8304, 51.1776 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(211, 101, 189)` looks like.

```
.text, #text, p{  
    color:rgb(211, 101, 189)  
}
```

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(211, 101, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 101, 189) }
```

Border

The CSS property to change the border of an element to XYZ 40.7030, 26.8304, 51.1776 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(211, 101, 189) }
```


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

```
.border{ border-color:rgb(211, 101, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 101, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 101, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 101, 189);  
box-shadow:4px 4px 4px 4px rgb(211, 101,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 40.7030, 26.8304, 51.1776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 101, 189) }
```

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

```
.background{ background-color: rgb(211,  
101, 189) }
```

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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