

Converting Colors

XYZ(41.4568, 26.5070, 60.2826)

Have a look what the booklet for
XYZ(41.4568, 26.5070, 60.2826)
contains.

XYZ(41.4683, 26.4643, 60.0492)	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(41.4683, 26.4643,
60.0492)**

Conversions

Conversions Part 1

Format	Color
Hex	D161CC
RGB	209, 97, 204
RGB Percent	82%, 38%, 80%
CMY	0.1804, 0.6196, 0.2000
CMYK	0.00, 0.54, 0.02, 0.18
HSL	303°, 55%, 60%
HSV	303°, 54%, 82%
XYZ	41.4683, 26.4643, 60.0492
YIQ	142.6860, 32.4050, 57.0210

Conversions

Conversions Part 2

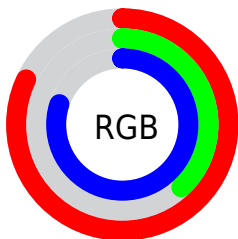
Format	Color
R_{YB}	209, 97, 204
Decimal	13722060
CIE _{Lab}	58.48, 58.21, -35.61
CIE _{LCh}	58, 68.238, 328.546
Yxy	26.4643, 0.3240, 0.2068
Android (android.graphics.Color)	4291912140 (0xFFD161CC)
YUV	142.6860, 30.2278, 58.1574
Hunter-Lab	51.4435, 53.8618, -33.1979

Details

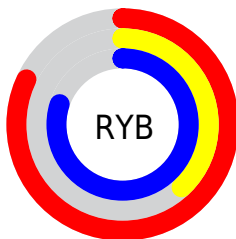
The XYZ color **41.4683, 26.4643, 60.0492** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **30.1297, 49.1028, 20.4617**, and the grayscale version is **25.8588, 27.2054, 29.6267**.

A 20% lighter version of the original color is **70.5182, 50.9365, 100.7227**, and **19.1325, 10.3629, 29.4256** is the 20% darker color. If you saturate the color by 10%, you get **39.6741, 23.0539, 58.9007**, and if you desaturate by 10%, it is **43.7736, 30.8947, 61.3718**.

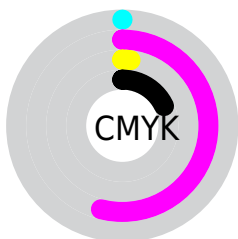
Distribution



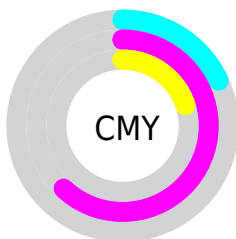
- Red (82%)
- Green (38%)
- Blue (80%)



- Red (82%)
- Yellow (38%)
- Blue (80%)



- Cyan (0%)
- Magenta (54%)
- Yellow (2%)
- Black (18%)





- Cyan (18%)
- Magenta (62%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.4683, 26.4643, 60.0492 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 41.4683, 26.4643, 60.0492 by changing the saturation by 10% instead.


 41.4683, 26.4643,
60.0492


 41.4683, 26.4643,
60.0492

343.3033,
285.0539, 442.5888


 28.8745, 17.1713,
43.0327

 76.6645, 54.0230,
106.4451


 19.1297, 10.3567,
29.5792


 99.9976, 73.0576,
136.6616

 11.8686, 5.6361,
19.2701


 127.6411, 96.1081,
172.1153

 6.7258, 2.6251,
11.6868

 159.9605,
123.5589, 213.2245

 3.3360, 0.9393,
6.4109

197.3211,
155.7946, 260.4080

 1.3339, 0.0000,
3.0237

240.0882,

 0.2083, 0.0000,

193.1993, 314.0841

1.1067

288.6271,
236.1576, 374.6715

■ 0.0000, 0.0000,
0.0000

■ 41.4683, 26.4643,
60.0492

■ 41.4683, 26.4643,
60.0492

■ 39.6741, 23.0539,
58.9007

■ 43.7736, 30.8947,
61.3718

■ 38.3474, 20.5780,
57.9112

■ 46.6238, 36.4142,
62.8792

■ 37.4419, 18.9436,
57.0653

■ 50.0528, 43.0904,
64.5827

■ 36.9007, 18.0365,
56.3441

■ 54.0911, 50.9841,
66.4928

■ 36.6816, 17.7102,
55.9260

■ 58.7671, 60.1520,
68.6187

■ 64.1072, 70.6472,
70.9693

■ 70.1366, 82.5198,
73.5530

■ 73.8714, 89.8021,
75.3752

■ 73.9891, 89.8492,
75.9951

Harmonies

Analogous

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



33.6236, 26.4643, 90.9396



41.4683, 26.4643, 60.0492



44.8379, 26.4643, 29.9970

Triad

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



41.4683, 26.4643, 60.0492



25.5629, 26.4643, 2.9678



13.5302, 26.4643, 56.8140

Complementary

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



41.4683, 26.4643, 60.0492



30.1297, 49.1028, 20.4617

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.



12.2843, 26.4643, 27.6647



41.4683, 26.4643, 60.0492



18.2407, 26.4643, 4.3675

Square

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



41.4683, 26.4643, 60.0492



34.4866, 26.4643, 4.7075



13.8013, 26.4643, 10.8763



17.6773, 26.4643, 88.4538

Rectangle

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



41.4683, 26.4643, 60.0492



43.6319, 26.4643, 16.5343



13.8013, 26.4643, 10.8763



12.8048, 26.4643, 46.0352

Sweetspot

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



41.4692, 26.4655, 60.0497



83.0952, 76.5576, 103.4749



21.1215, 15.9055, 62.2794



17.4977, 15.8230, 22.0124



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.



41.4692, 26.4655, 60.0497



61.9486, 35.6392, 92.1873



36.0165, 24.2844, 31.3360



12.2871, 11.9996, 14.7874



22.6265, 10.9234, 34.5347



1.2723, 0.6137, 1.9689

Inverse Universe

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



41.4692, 26.4655, 60.0497



61.9486, 35.6392, 92.1873



33.7945, 50.5687, 39.7600



12.2871, 11.9996, 14.7874



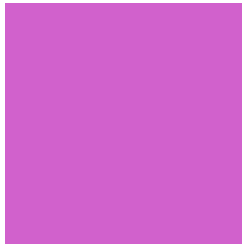
22.6265, 10.9234, 34.5347



1.2723, 0.6137, 1.9689

Previews

White Background



This preview shows how the XYZ color 41.4683, 26.4643, 60.0492 looks on a white background.

Color Contrast Check

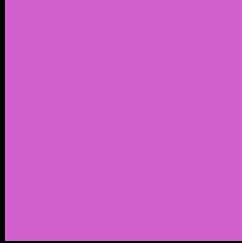
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.4683, 26.4643, 60.0492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

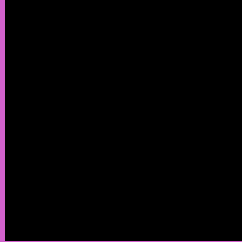
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 41.4683, 26.4643, 60.0492

Background



This preview shows how black text looks on a background with the XYZ color 41.4683, 26.4643, 60.0492.



This preview shows how white text looks on a background with the XYZ color 41.4683, 26.4643,

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

41.4683, 26.4643, 60.0492

Protanopia

29.7055, 27.0056, 85.3083

Deuteranopia

27.3367, 26.6340, 56.5234



Tritanopia

33.8824, 26.4826, 22.7279

Trichromacy



Original Color

41.4683, 26.4643, 60.0492



Protanomaly

31.2917, 25.0602, 75.1394



Deuteranomaly

30.9594, 25.4555, 57.9252



Tritanomaly

36.0373, 26.1815, 33.7260

Monochromacy



Original Color

41.4683, 26.4643, 60.0492



Achromatopsia

26.1081, 27.4677, 29.9124



Achromatomaly

30.1887, 25.8538, 38.9965

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.4683, 26.4643, 60.0492 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(209, 97, 204)` looks like.

```
.text, #text, p{  
    color:rgb(209, 97, 204)  
}
```

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(209, 97, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 97, 204) }
```

Border

The CSS property to change the border of an element to XYZ 41.4683, 26.4643, 60.0492 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(209, 97, 204) }
```


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

```
.border{ border-color:rgb(209, 97, 204) }
```

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

Here you see how a box with a 4 pixel rgb(209, 97, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 97, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 97, 204);  
box-shadow:4px 4px 4px 4px rgb(209, 97,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 41.4683, 26.4643, 60.0492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 97, 204) }
```

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

```
.background{ background-color: rgb(209, 97,  
204) }
```

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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