

Converting Colors

XYZ(41.6266, 28.4945, 60.3624)

Have a look what the booklet for
XYZ(41.6266, 28.4945, 60.3624)
contains.

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Color

**XYZ(41.6519, 28.4906,
60.4307)**

Conversions

Conversions Part 1

Format	Color
Hex	CD6ECC
RGB	205, 110, 204
RGB Percent	80%, 43%, 80%
CMY	0.1961, 0.5686, 0.2000
CMYK	0.00, 0.46, 0.00, 0.20
HSL	301°, 49%, 62%
HSV	301°, 46%, 80%
XYZ	41.6519, 28.4906, 60.4307
YIQ	149.1210, 26.4460, 49.3740

Conversions

Conversions Part 2

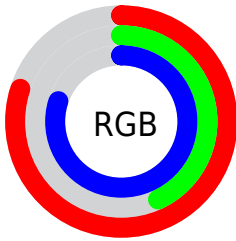
Format	Color
R _Y B	205, 110, 204
Decimal	13463244
CIE Lab	60.33, 50.78, -32.76
CIE LCh	60, 60.426, 327.173
Yxy	28.4906, 0.3190, 0.2182
Android (android.graphics.Color)	4291653324 (0xFFCD6ECC)
YUV	149.1210, 27.0553, 49.0059
Hunter-Lab	53.3766, 45.8817, -29.7620

Details

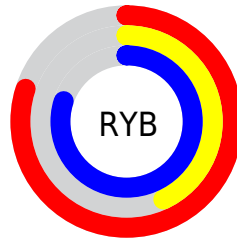
The XYZ color **41.6519, 28.4906, 60.4307** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **31.1322, 48.1265, 22.6890**, and the grayscale version is **28.5008, 29.9851, 32.6537**.

A 20% lighter version of the original color is **72.5655, 55.0309, 101.4052**, and **19.2824, 11.4857, 29.6344** is the 20% darker color. If you saturate the color by 10%, you get **39.6651, 24.5577, 59.6409**, and if you desaturate by 10%, it is **44.1523, 33.4493, 61.3924**.

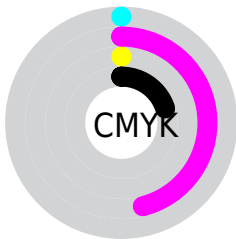
Distribution



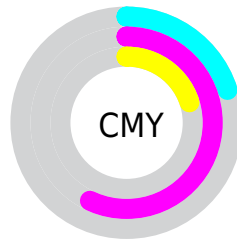
- Red (80%)
- Green (43%)
- Blue (80%)



- Red (80%)
- Yellow (43%)
- Blue (80%)



- Cyan (0%)
- Magenta (46%)
- Yellow (0%)
- Black (20%)





- Cyan (20%)
- Magenta (57%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.6519, 28.4906, 60.4307 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 41.6519, 28.4906, 60.4307 by changing the saturation by 10% instead.


 41.6519, 28.4906,
60.4307


 41.6519, 28.4906,
60.4307

344.0541,
294.8038, 444.0321

 29.0187, 18.6958,
43.3383


 76.9410, 57.2668,
107.0037


 19.2393, 11.4507,
29.8173


 100.3276, 77.0169,
137.3214

 11.9484, 6.3708,
19.4491


 128.0295,
100.8543, 172.8846

 6.7805, 3.0719,
11.8151

 160.4119,
129.1634, 214.1118

 3.3703, 1.1694,
6.4969

197.8402,
162.3284, 261.4216

 1.3525, 0.0365,
3.0759

240.6797,

 0.2220, 0.0000,

200.7339, 315.2326

1.1335

289.2959,
244.7643, 375.9633

■ 0.0000, 0.0000,
0.0000

■ 41.6519, 28.4906,
60.4307

■ 41.6519, 28.4906,
60.4307

■ 39.6651, 24.5577,
59.6409

■ 44.1523, 33.4493,
61.3924

■ 38.1531, 21.5751,
59.0094

■ 47.1957, 39.4946,
62.5349

■ 37.0766, 19.4634,
58.5232

■ 50.8129, 46.6872,
63.8689

■ 36.3884, 18.1284,
58.1666

■ 55.0312, 55.0822,
65.4035

■ 36.0288, 17.4503,
57.9197

■ 59.8765, 64.7311,
67.1472

■ 35.9379, 17.2836,
57.8429

■ 65.3731, 75.6824,
69.1082

■ 71.5439, 87.9822,
71.2941

■ 72.0449, 88.9424,
71.5903

■ 72.0712, 88.9529,
71.7284

Harmonies

Analogous

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



34.4808, 28.4906, 86.6794



41.6519, 28.4906, 60.4307



44.8827, 28.4906, 33.1771

Triad

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



41.6519, 28.4906, 60.4307



27.8221, 28.4906, 4.9229



15.8564, 28.4906, 54.9138

Complementary

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



41.6519, 28.4906, 60.4307



31.1322, 48.1265, 22.6890

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.



14.7436, 28.4906, 28.9612



41.6519, 28.4906, 60.4307



20.8211, 28.4906, 6.4204

Square

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



41.6519, 28.4906, 60.4307



36.0000, 28.4906, 7.1865



16.3771, 28.4906, 13.1442



19.7696, 28.4906, 82.5652

Rectangle

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



41.6519, 28.4906, 60.4307



43.9826, 28.4906, 20.0379



16.3771, 28.4906, 13.1442



15.1793, 28.4906, 45.4258

Sweetspot

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



41.6529, 28.4919, 60.4313



84.6393, 79.2755, 105.1313



23.0270, 18.8760, 60.1884



17.8116, 16.3619, 22.3910



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.



41.6529, 28.4919, 60.4313



64.8649, 40.0160, 97.6479



36.8826, 26.5838, 35.3112



11.6823, 11.4016, 14.1275



22.3747, 10.7605, 36.0213



1.1560, 0.5558, 1.8672

Inverse Universe

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



41.6529, 28.4919, 60.4313



64.8649, 40.0160, 97.6479



34.3915, 49.4303, 39.8523



11.6823, 11.4016, 14.1275



22.3747, 10.7605, 36.0213



1.1560, 0.5558, 1.8672

Previews

White Background



This preview shows how the XYZ color 41.6519, 28.4906, 60.4307 looks on a white background.

Color Contrast Check

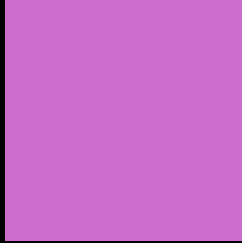
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.6519, 28.4906, 60.4307 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

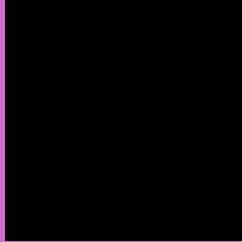
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 41.6519, 28.4906, 60.4307

Background



This preview shows how black text looks on a background with the XYZ color 41.6519, 28.4906, 60.4307.



This preview shows how white text looks on a background with the XYZ color 41.6519, 28.4906,

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

41.6519, 28.4906, 60.4307

Protanopia

31.0563, 28.9252, 79.5476

Deuteranopia

29.5264, 28.8490, 57.4383



Tritanopia

34.5990, 28.4067, 26.5812

Trichromacy



Original Color

41.6519, 28.4906, 60.4307



Protanomaly

33.0215, 27.5640, 71.9866



Deuteranomaly

32.7771, 27.9418, 58.3093



Tritanomaly

36.6148, 28.1131, 36.7543

Monochromacy



Original Color

41.6519, 28.4906, 60.4307



Achromatopsia

28.5667, 30.0544, 32.7292



Achromatomaly

32.1876, 28.6275, 41.3653

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.6519, 28.4906, 60.4307 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(205, 110, 204)` looks like.

```
.text, #text, p{  
    color:rgb(205, 110, 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(205, 110, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 110, 204) }
```

Border

The CSS property to change the border of an element to XYZ 41.6519, 28.4906, 60.4307 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(205, 110, 204) }
```


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

```
.border{ border-color:rgb(205, 110, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 110, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 110, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 110, 204);  
box-shadow:4px 4px 4px 4px rgb(205, 110,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 41.6519, 28.4906, 60.4307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 110, 204) }
```

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

```
.background{ background-color: rgb(205,  
110, 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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