

Converting Colors

XYZ(40.6235, 28.7959, 44.5050)

Have a look what the booklet for
XYZ(40.6235, 28.7959, 44.5050)
contains.

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Color

**XYZ(40.6056, 28.7937,
44.4919)**

Conversions

Conversions Part 1

Format	Color
Hex	D371B0
RGB	211, 113, 176
RGB Percent	83%, 44%, 69%
CMY	0.1725, 0.5568, 0.3098
CMYK	0.00, 0.46, 0.17, 0.17
HSL	321°, 53%, 64%
HSV	321°, 46%, 83%
XYZ	40.6056, 28.7937, 44.4919
YIQ	149.4840, 38.1850, 40.3690

Conversions

Conversions Part 2

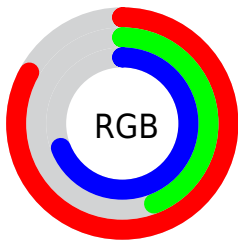
Format	Color
R _Y B	211, 113, 176
Decimal	13857200
CIE Lab	60.60, 46.41, -16.34
CIE LCh	61, 49.202, 340.597
Yxy	28.7937, 0.3565, 0.2528
Android (android.graphics.Color)	4292047280 (0xFFD371B0)
YUV	149.4840, 13.0724, 53.9495
Hunter-Lab	53.6598, 41.1706, -11.5984

Details

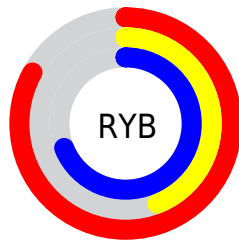
The XYZ color **40.6056, 28.7937, 44.4919** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **35.4509, 52.2383, 36.2338**, and the grayscale version is **28.7071, 30.2021, 32.8901**.

A 20% lighter version of the original color is **69.6242, 54.7236, 83.2371**, and **18.5174, 11.5318, 19.9888** is the 20% darker color. If you saturate the color by 10%, you get **37.7944, 24.3314, 39.9776**, and if you desaturate by 10%, it is **44.0071, 34.3697, 49.4078**.

Distribution



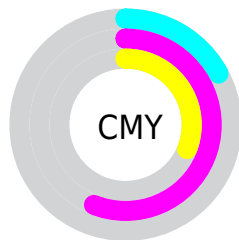
- Red (83%)
- Green (44%)
- Blue (69%)



- Red (83%)
- Yellow (44%)
- Blue (69%)



- Cyan (0%)
- Magenta (46%)
- Yellow (17%)
- Black (17%)





- Cyan (17%)
- Magenta (56%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.6056, 28.7937, 44.4919 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 40.6056, 28.7937, 44.4919 by changing the saturation by 10% instead.


 40.6056, 28.7937,
44.4919

 40.6056, 28.7937,
44.4919

339.7603,
296.2403, 380.8118


 28.1973, 18.9248,
30.7174


 75.3633, 57.7492,
83.2678

 18.6157, 11.6160,
20.1271


 98.4435, 77.6045,
109.1062

 11.4953, 6.4828,
12.3025


 125.8117,
101.5575, 139.8030

 6.4707, 3.1408,
6.8250

157.8332,
129.9925, 175.7768

 3.1767, 1.2057,
3.2761

194.8735,
163.2938, 217.4460

 1.2479, 0.0663,
1.2373

237.2979,

 0.1437, 0.0000,

201.8460, 265.2292

0.0095

285.4717,
246.0334, 319.5449

■ 0.0000, 0.0000,
0.0000

■ 40.6056, 28.7937,
44.4919

■ 40.6056, 28.7937,
44.4919

■ 37.7944, 24.3314,
39.9776

■ 44.0071, 34.3697,
49.4078

■ 35.5318, 20.9014,
35.8468

■ 48.0318, 41.1250,
54.7387

■ 33.7745, 18.4180,
32.0821


■ 52.7130, 49.1250,
60.4990


■ 32.4711, 16.7794,
28.6629

■ 58.0809, 58.4293,
66.7018


■ 31.5563, 15.8562,
25.5638


■ 64.1639, 69.0933,
73.3597

 31.2826, 15.6164,
24.5240

 70.9885, 81.1694,
80.4844

 76.7327, 91.0124,
87.4714

 77.8067, 91.4420,
93.1269

 78.9269, 91.8901,
99.0260

Harmonies

Analogous

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



36.1263, 28.7937, 66.1930



40.6056, 28.7937, 44.4919



41.2413, 28.7937, 25.3388

Triad

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



40.6056, 28.7937, 44.4919



25.1786, 28.7937, 7.9823



19.0891, 28.7937, 60.1278

Complementary

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



40.6056, 28.7937, 44.4919



35.4509, 52.2383, 36.2338

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.



17.0169, 28.7937, 38.2471



40.6056, 28.7937, 44.4919



20.1529, 28.7937, 11.5622

Square

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



40.6056, 28.7937, 44.4919



31.6366, 28.7937, 8.5548



17.3735, 28.7937, 21.0923



23.5010, 28.7937, 77.3749

Rectangle

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



40.6056, 28.7937, 44.4919



39.3075, 28.7937, 16.6844



17.3735, 28.7937, 21.0923



18.1293, 28.7937, 52.7826

Sweetspot

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



40.6065, 28.7951, 44.4925



82.7144, 78.5055, 94.9945



29.7509, 22.7458, 64.4509



17.3386, 16.1728, 19.9004



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.



40.6065, 28.7951, 44.4925



57.9550, 37.2520, 61.2609



36.6468, 27.2112, 23.6411



12.1241, 11.9344, 13.9292



18.9293, 9.4446, 15.0657



1.0955, 0.5429, 1.0377

Inverse Universe

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



40.6065, 28.7951, 44.4925



57.9550, 37.2520, 61.2609



40.1034, 54.0993, 60.7332



12.1241, 11.9344, 13.9292



18.9293, 9.4446, 15.0657



1.0955, 0.5429, 1.0377

Previews

White Background



This preview shows how the XYZ color 40.6056, 28.7937, 44.4919 looks on a white background.

Color Contrast Check

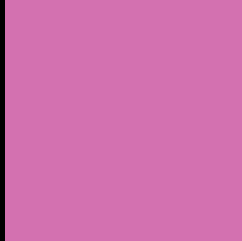
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.6056, 28.7937, 44.4919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

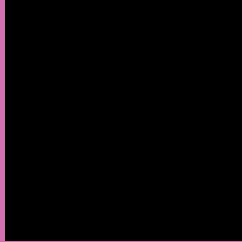
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 40.6056, 28.7937, 44.4919

Background



This preview shows how black text looks on a background with the XYZ color 40.6056, 28.7937, 44.4919.



This preview shows how white text looks on a background with the XYZ color 40.6056, 28.7937,

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

40.6056, 28.7937, 44.4919

Protanopia

29.7943, 29.1996, 58.0986

Deuteranopia

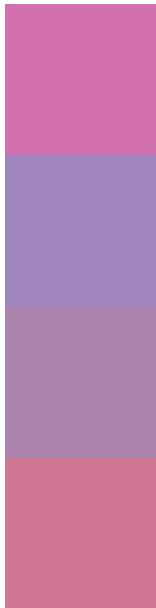
29.5676, 28.9748, 42.5624



Tritanopia

36.5099, 28.6796, 25.0842

Trichromacy



Original Color

40.6056, 28.7937, 44.4919

Protanomaly

32.2887, 28.0102, 52.9949

Deuteranomaly

32.8073, 28.2903, 43.2666

Tritanomaly

37.8757, 28.7101, 31.1491

Monochromacy



Original Color

40.6056, 28.7937, 44.4919

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

32.0754, 28.8822, 36.6851

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.6056, 28.7937, 44.4919 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, 113, 176)` looks like.

```
.text, #text, p{  
    color:rgb(211, 113, 176)  
}
```

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, 113, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 113, 176) }
```

Border

The CSS property to change the border of an element to XYZ 40.6056, 28.7937, 44.4919 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, 113, 176) }
```


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

```
.border{ border-color:rgb(211, 113, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 113, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 113, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 113, 176);  
box-shadow:4px 4px 4px 4px rgb(211, 113,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 40.6056, 28.7937, 44.4919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 113, 176) }
```

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

```
.background{ background-color: rgb(211,  
113, 176) }
```

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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