

Converting Colors

XYZ(44.4497, 30.7432, 61.6519)

Have a look what the booklet for
XYZ(44.4497, 30.7432, 61.6519)
contains.

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Color

**XYZ(44.3016, 30.6663,
61.3418)**

Conversions

Conversions Part 1

Format	Color
Hex	D473CD
RGB	212, 115, 205
RGB Percent	83%, 45%, 80%
CMY	0.1686, 0.5490, 0.1961
CMYK	0.00, 0.46, 0.03, 0.17
HSL	304°, 53%, 64%
HSV	304°, 46%, 83%
XYZ	44.3016, 30.6663, 61.3418
YIQ	154.2630, 28.9220, 48.5540

Conversions

Conversions Part 2

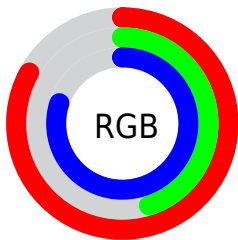
Format	Color
R _Y B	212, 115, 205
Decimal	13923277
CIE Lab	62.22, 50.49, -30.31
CIE LCh	62, 58.894, 329.024
Yxy	30.6663, 0.3250, 0.2250
Android (android.graphics.Color)	4292113357 (0xFFD473CD)
YUV	154.2630, 25.0133, 50.6353
Hunter-Lab	55.3772, 45.8896, -26.9121

Details

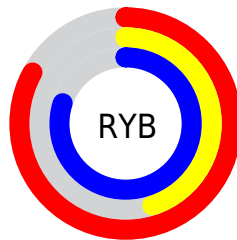
The XYZ color **44.3016, 30.6663, 61.3418** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **34.1280, 52.1382, 26.6792**, and the grayscale version is **30.7163, 32.3159, 35.1920**.

A 20% lighter version of the original color is **73.6647, 57.2295, 101.7716**, and **20.7452, 12.6158, 30.1959** is the 20% darker color. If you saturate the color by 10%, you get **41.9728, 26.3023, 59.6589**, and if you desaturate by 10%, it is **47.1901, 36.1455, 63.2207**.

Distribution



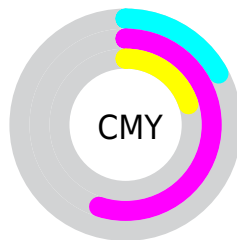
- Red (83%)
- Green (45%)
- Blue (80%)



- Red (83%)
- Yellow (45%)
- Blue (80%)



- Cyan (0%)
- Magenta (46%)
- Yellow (3%)
- Black (17%)



- Cyan (17%)
- Magenta (55%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.3016, 30.6663, 61.3418 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 44.3016, 30.6663, 61.3418 by changing the saturation by 10% instead.

44.3016, 30.6663,
61.3418

44.3016, 30.6663,
61.3418

354.7691,
304.9980, 447.4673

31.1066, 20.3449,
44.0687

80.9149, 60.7143,
108.3360

20.8323, 12.6460,
30.3869

105.0640, 81.2097,
138.8943

13.1132, 7.1852,
19.8779

133.5951,
105.8652, 174.7180

7.5841, 3.5782,
12.1232

166.8736,
135.0652, 216.2257

3.8795, 1.4405,
6.7040

205.2649,
169.1940, 263.8359

1.6342, 0.2463,
3.2021

249.1344,

0.4146, 0.0000,

208.6362, 317.9672

1.1987

298.8473,
253.7761, 379.0382

■ 0.0000, 0.0000,
0.0000

■ 44.3016, 30.6663,
61.3418

■ 44.3016, 30.6663,
61.3418

■ 41.9728, 26.3023,
59.6589

■ 47.1901, 36.1455,
63.2207

■ 40.1621, 22.9720,
58.1573

■ 50.6701, 42.8057,
65.3055

■ 38.8267, 20.5898,
56.8231

■ 54.7749, 50.7123,
67.6075

■ 37.9161, 19.0541,
55.6392

■ 59.5342, 59.9251,
70.1366

■ 37.3677, 18.2400,
54.5849

■ 64.9758, 70.4996,
72.9022

■ 37.1955, 18.0147,
54.1600

■ 71.1261, 82.4885,
75.9131

■ 75.2692, 90.4602,
78.2639

■ 75.4677, 90.5396,
79.3090

■ 75.6680, 90.6197,
80.3638

Harmonies

Analogous

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



37.2035, 30.6663, 88.1021



44.3016, 30.6663, 61.3418



47.2408, 30.6663, 34.1408

Triad

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



44.3016, 30.6663, 61.3418



29.4082, 30.6663, 5.9711



17.7281, 30.6663, 59.4270

Complementary

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



44.3016, 30.6663, 61.3418



34.1280, 52.1382, 26.6792

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.



16.3880, 30.6663, 32.6511



44.3016, 30.6663, 61.3418



22.3473, 30.6663, 7.8876

Square

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



44.3016, 30.6663, 61.3418



37.7361, 30.6663, 8.1756



17.9154, 30.6663, 15.5582



21.9721, 30.6663, 86.6876

Rectangle

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



44.3016, 30.6663, 61.3418



46.1021, 30.6663, 21.0651



17.9154, 30.6663, 15.5582



16.9613, 30.6663, 49.7748

Sweetspot

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



44.3026, 30.6677, 61.3424



84.2877, 79.1349, 103.2797



25.9666, 21.1152, 64.9954



17.7248, 16.3272, 21.9341



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.



44.3026, 30.6677, 61.3424



63.8050, 40.0496, 90.6554



39.3721, 28.6955, 35.3784



12.9125, 12.6165, 15.4797



22.9782, 11.1276, 33.5191



1.3978, 0.6759, 2.0841

Inverse Universe

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



44.3026, 30.6677, 61.3424



63.8050, 40.0496, 90.6554



37.8676, 53.6340, 46.3717



12.9125, 12.6165, 15.4797



22.9782, 11.1276, 33.5191



1.3978, 0.6759, 2.0841

Previews

White Background



This preview shows how the XYZ color 44.3016, 30.6663, 61.3418 looks on a white background.

Color Contrast Check

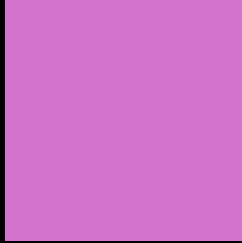
Large Text (above 18pt) WCAG AA × Fail

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 44.3016, 30.6663, 61.3418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

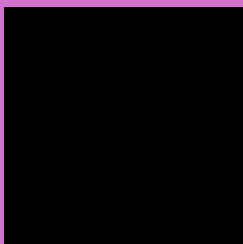
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.3016, 30.6663, 61.3418

Background



This preview shows how black text looks on a background with the XYZ color 44.3016, 30.6663, 61.3418.



This preview shows how white text looks on a background with the XYZ color 44.3016, 30.6663,

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

44.3016, 30.6663, 61.3418

Protanopia

33.0406, 31.0710, 80.5998

Deuteranopia

31.5462, 30.7923, 58.3137



Tritanopia

37.5447, 30.6667, 28.3665

Trichromacy



Original Color

44.3016, 30.6663, 61.3418

Protanomaly

35.3154, 29.7523, 72.9887

Deuteranomaly

35.0727, 29.9324, 59.1873

Tritanomaly

39.6766, 30.5770, 38.4611

Monochromacy



Original Color

44.3016, 30.6663, 61.3418

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

34.6001, 30.8873, 43.6734

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.3016, 30.6663, 61.3418 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(212, 115, 205)` looks like.

```
.text, #text, p{  
    color:rgb(212, 115, 205)  
}
```

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(212, 115, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 115, 205) }
```

Border

The CSS property to change the border of an element to XYZ 44.3016, 30.6663, 61.3418 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(212, 115, 205) }
```


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

```
.border{ border-color:rgb(212, 115, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 115, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 115, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 115, 205);  
box-shadow:4px 4px 4px 4px rgb(212, 115,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 44.3016, 30.6663, 61.3418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 115, 205) }
```

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

```
.background{ background-color: rgb(212,  
115, 205) }
```

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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