

Converting Colors

XYZ(44.9836, 30.4025, 61.8945)

Have a look what the booklet for
XYZ(44.9836, 30.4025, 61.8945)
contains.

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Color

**XYZ(44.8493, 30.2722,
61.8718)**

Conversions

Conversions Part 1

Format	Color
Hex	D76FCE
RGB	215, 111, 206
RGB Percent	84%, 44%, 81%
CMY	0.1569, 0.5647, 0.1922
CMYK	0.00, 0.48, 0.04, 0.16
HSL	305°, 57%, 64%
HSV	305°, 48%, 84%
XYZ	44.8493, 30.2722, 61.8718
YIQ	152.9260, 31.4890, 51.5930

Conversions

Conversions Part 2

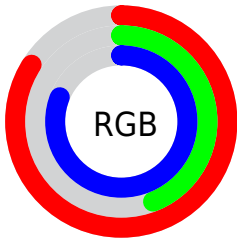
Format	Color
R _Y B	215, 111, 206
Decimal	14118862
CIE Lab	61.89, 53.54, -31.37
CIE LCh	62, 62.048, 329.635
Yxy	30.2722, 0.3274, 0.2210
Android (android.graphics.Color)	4292308942 (0xFFD76FCE)
YUV	152.9260, 26.1655, 54.4389
Hunter-Lab	55.0202, 49.2177, -28.1592

Details

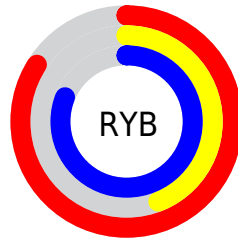
The XYZ color **44.8493, 30.2722, 61.8718** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **34.2475, 53.3374, 26.2613**, and the grayscale version is **30.1274, 31.6964, 34.5174**.

A 20% lighter version of the original color is **72.9262, 55.7524, 101.5254**, and **21.1496, 12.4297, 30.5626** is the 20% darker color. If you saturate the color by 10%, you get **42.5551, 26.0427, 59.9986**, and if you desaturate by 10%, it is **47.7127, 35.6345, 63.9485**.

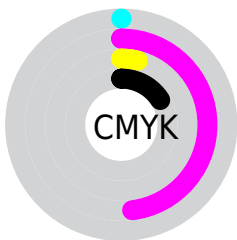
Distribution



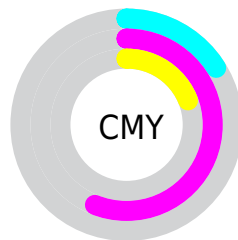
- Red (84%)
- Green (44%)
- Blue (81%)



- Red (84%)
- Yellow (44%)
- Blue (81%)



- Cyan (0%)
- Magenta (48%)
- Yellow (4%)
- Black (16%)



- Cyan (16%)
- Magenta (56%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.8493, 30.2722, 61.8718 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 44.8493, 30.2722, 61.8718 by changing the saturation by 10% instead.

44.8493, 30.2722,
61.8718

44.8493, 30.2722,
61.8718

356.9568,
303.1712, 449.4580

31.5395, 20.0453,
44.4940

81.7327, 60.0924,
109.1100

21.1639, 12.4280,
30.7190

106.0370, 80.4544,
139.8075

13.3570, 7.0358,
20.1283

134.7368,
104.9637, 175.7820

7.7535, 3.4845,
12.3033

168.1976,
134.0045, 217.4520

3.9881, 1.3896,
6.8256

206.7846,
167.9612, 265.2361

1.6954, 0.2091,
3.2765

250.8633,

0.4534, 0.0000,

207.2183, 319.5527

1.2375

300.7989,
252.1602, 380.8206

■ 0.0000, 0.0000,
0.0097

■ 0.0000, 0.0000,
0.0000

■ 44.8493, 30.2722,
61.8718

■ 44.8493, 30.2722,
61.8718

■ 42.5551, 26.0427,
59.9986

■ 47.7127, 35.6345,
63.9485

■ 40.7858, 22.8596,
58.3132


■ 51.1794, 42.1996,
66.2393


■ 39.4958, 20.6306,
56.8008


■ 55.2843, 50.0369,
68.7561


■ 38.6299, 19.2457,
55.4427


■ 60.0589, 59.2091,
71.5094


 38.1060, 18.5406,
54.2117


 65.5324, 69.7749,
74.5092

 38.0333, 18.4507,
54.0165

 71.7324, 81.7894,
77.7645

 76.5742, 91.0831,
80.5805

 76.8206, 91.1816,
81.8783

 77.0698, 91.2813,
83.1906

Harmonies

Analogous

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



37.4041, 30.2722, 90.7576



44.8493, 30.2722, 61.8718



47.8557, 30.2722, 33.2532

Triad

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



44.8493, 30.2722, 61.8718



28.8746, 30.2722, 5.1317



17.0146, 30.2722, 61.1078

Complementary

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



44.8493, 30.2722, 61.8718



34.2475, 53.3374, 26.2613

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.



15.5866, 30.2722, 32.6711



44.8493, 30.2722, 61.8718



21.5833, 30.2722, 7.0626

Square

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



44.8493, 30.2722, 61.8718



37.6142, 30.2722, 7.1673



17.0864, 30.2722, 14.8397



21.4383, 30.2722, 90.1869

Rectangle

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



44.8493, 30.2722, 61.8718



46.5657, 30.2722, 19.8689



17.0864, 30.2722, 14.8397



16.2110, 30.2722, 50.8209

Sweetspot

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



44.8503, 30.2736, 61.8724



83.5100, 77.7655, 102.4466



25.6512, 20.2461, 66.8466



17.5675, 16.0561, 21.7478



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.



44.8503, 30.2736, 61.8724



62.5652, 38.2191, 88.2414



39.5705, 28.1617, 34.0694



12.9045, 12.6133, 15.4374



22.7681, 11.0435, 32.4124



1.3872, 0.6717, 2.0284

Inverse Universe

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



44.8503, 30.2736, 61.8724



62.5652, 38.2191, 88.2414



38.2716, 54.9471, 47.4523



12.9045, 12.6133, 15.4374



22.7681, 11.0435, 32.4124



1.3872, 0.6717, 2.0284

Previews

White Background



This preview shows how the XYZ color 44.8493, 30.2722, 61.8718 looks on a white background.

Color Contrast Check

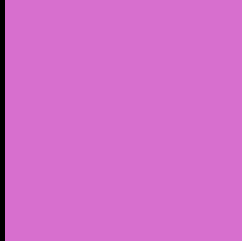
Large Text (above 18pt) WCAG AA × Fail

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 44.8493, 30.2722, 61.8718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

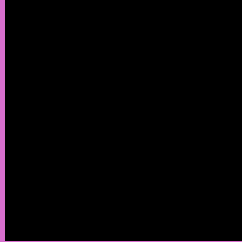
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.8493, 30.2722, 61.8718

Background



This preview shows how black text looks on a background with the XYZ color 44.8493, 30.2722, 61.8718.

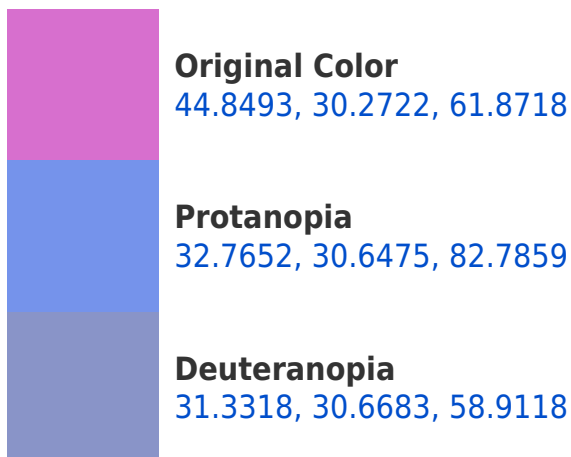


This preview shows how white text looks on a background with the XYZ color 44.8493, 30.2722, 61.8718.

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

37.8369, 30.2503, 27.5116

Trichromacy



Original Color

44.8493, 30.2722, 61.8718



Protanomaly

35.1165, 29.2043, 74.3072



Deuteranomaly

34.8417, 29.5915, 59.7525



Tritanomaly

39.9373, 29.9850, 37.8652

Monochromacy



Original Color

44.8493, 30.2722, 61.8718



Achromatopsia

30.2779, 31.8547, 34.6897



Achromatomaly

34.4394, 30.3856, 43.0796

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.8493, 30.2722, 61.8718 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(215, 111, 206)` looks like.

```
.text, #text, p{  
    color:rgb(215, 111, 206)  
}
```

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(215, 111, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 111, 206) }
```

Border

The CSS property to change the border of an element to XYZ 44.8493, 30.2722, 61.8718 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(215, 111, 206) }
```


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

```
.border{ border-color:rgb(215, 111, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 111, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 111, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 111, 206);  
box-shadow:4px 4px 4px 4px rgb(215, 111,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 44.8493, 30.2722, 61.8718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 111, 206) }
```

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

```
.background{ background-color: rgb(215,  
111, 206) }
```

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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