

Converting Colors

XYZ(44.0969, 29.9492, 66.5851)

Have a look what the booklet for
XYZ(44.0969, 29.9492, 66.5851)
contains.

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Color

**XYZ(44.0989, 29.9477,
66.4070)**

Conversions

Conversions Part 1

Format	Color
Hex	D170D5
RGB	209, 112, 213
RGB Percent	82%, 44%, 84%
CMY	0.1804, 0.5608, 0.1647
CMYK	0.02, 0.47, 0.00, 0.16
HSL	298°, 55%, 64%
HSV	298°, 47%, 84%
XYZ	44.0989, 29.9477, 66.4070
YIQ	152.5170, 25.3910, 51.9750

Conversions

Conversions Part 2

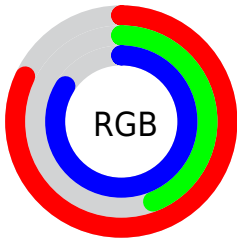
Format	Color
RYB	209, 112, 213
Decimal	13725909
CIELab	61.61, 52.56, -35.80
CIElCh	62, 63.592, 325.739
Yxy	29.9477, 0.3140, 0.2132
Android (android.graphics.Color)	4291915989 (0xFFD170D5)
YUV	152.5170, 29.8181, 49.5356
Hunter-Lab	54.7245, 48.0737, -33.6400

Details

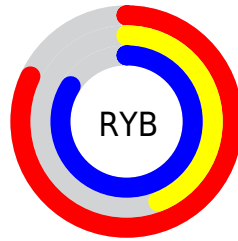
The XYZ color **44.0989, 29.9477, 66.4070** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **33.9222, 52.4720, 23.6708**, and the grayscale version is **29.9367, 31.4958, 34.2989**.

A 20% lighter version of the original color is **73.1087, 56.1174, 101.5862**, and **20.6844, 12.2720, 33.6263** is the 20% darker color. If you saturate the color by 10%, you get **41.7831, 25.6687, 65.7036**, and if you desaturate by 10%, it is **46.9738, 35.3416, 67.2970**.

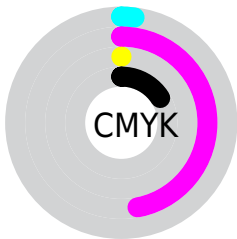
Distribution



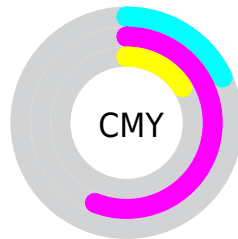
- Red (82%)
- Green (44%)
- Blue (84%)



- Red (82%)
- Yellow (44%)
- Blue (84%)



- Cyan (2%)
- Magenta (47%)
- Yellow (0%)
- Black (16%)





- Cyan (18%)
- Magenta (56%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.0989, 29.9477, 66.4070 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 44.0989, 29.9477, 66.4070 by changing the saturation by 10% instead.


 44.0989, 29.9477,
66.4070


 44.0989, 29.9477,
66.4070

353.9571,
301.6606, 466.2749


 30.9465, 19.7989,
48.1443


 80.6120, 59.5795,
115.7029

 20.7097, 12.2489,
33.5804


 104.7034, 79.8312,
147.5731

 13.0233, 6.9135,
22.2967


 133.1718,
104.2194, 184.8163

 7.5217, 3.4080,
13.8747

166.3826,
133.1284, 227.8509

 3.8396, 1.3483,
7.8958

204.7012,
166.9426, 277.0955

 1.6118, 0.1781,
3.9415

248.4929,

 0.4001, 0.0000,

206.0465, 332.9687

1.5933

298.1231,
250.8243, 395.8890

■ 0.0000, 0.0000,
0.2860

■ 0.0000, 0.0000,
0.0000

■ 44.0989, 29.9477,
66.4070

■ 44.0989, 29.9477,
66.4070

■ 41.7831, 25.6687,
65.7036

■ 46.9738, 35.3416,
67.2970

■ 39.9836, 22.4211,
65.1715


■ 50.4408, 41.9184,
68.3837


■ 38.6562, 20.1160,
64.7966


■ 54.5336, 49.7450,
69.6787


■ 37.7482, 18.6477,
64.5610


■ 59.2828, 58.8826,
71.1922


 37.1875, 17.8721,
64.4409


 64.7169, 69.3881,
72.9335

 37.0678, 17.7217,
64.4182

 70.8627, 81.3150,
74.9117

 75.7669, 90.7569,
76.4757

 76.0151, 90.8848,
76.4873

 76.2645, 91.0134,
76.4990

Harmonies

Analogous

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



36.1119, 29.9477, 94.9709



44.0989, 29.9477, 66.4070



47.9153, 29.9477, 36.1856

Triad

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



44.0989, 29.9477, 66.4070



29.6876, 29.9477, 4.7474



16.2030, 29.9477, 57.2507

Complementary

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



44.0989, 29.9477, 66.4070



33.9222, 52.4720, 23.6708

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.



15.1511, 29.9477, 29.2742



44.0989, 29.9477, 66.4070



21.9808, 29.9477, 6.0997

Square

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



44.0989, 29.9477, 66.4070



38.6159, 29.9477, 7.3007



17.0456, 29.9477, 12.8135



20.2689, 29.9477, 88.0989

Rectangle

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



44.0989, 29.9477, 66.4070



47.1219, 29.9477, 21.5531



17.0456, 29.9477, 12.8135



15.5244, 29.9477, 46.9141

Sweetspot

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



44.0999, 29.9490, 66.4076



84.1817, 79.0326, 105.4257



25.0606, 20.9844, 65.6808



17.6986, 16.3020, 22.4637



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.



44.0999, 29.9490, 66.4076



62.7424, 38.4812, 98.7285



40.2617, 28.5461, 40.2155



12.9022, 12.6065, 15.6908



22.6638, 10.8361, 39.3502



1.3824, 0.6615, 2.3741

Inverse Universe

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



36.3880, 26.9966, 19.8171



49.8961, 33.5836, 20.1947



36.6016, 53.4837, 40.4956



12.4430, 12.4287, 13.0070



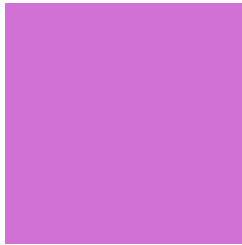
16.7990, 8.6559, 0.9796



1.0204, 0.5250, 0.0968

Previews

White Background



This preview shows how the XYZ color 44.0989, 29.9477, 66.4070 looks on a white background.

Color Contrast Check

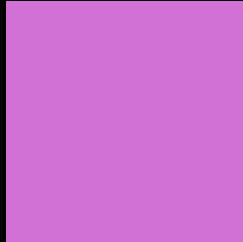
Large Text (above 18pt) WCAG AA ✓ Pass

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 44.0989, 29.9477, 66.4070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

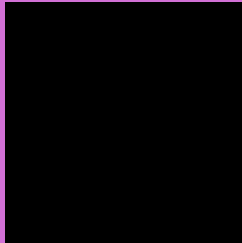
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 44.0989, 29.9477, 66.4070

Background



This preview shows how black text looks on a background with the XYZ color 44.0989, 29.9477, 66.4070.



This preview shows how white text looks on a background with the XYZ color 44.0989, 29.9477,

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

44.0989, 29.9477, 66.4070

Protanopia

32.9880, 30.4133, 88.1361

Deuteranopia

30.9021, 30.1183, 63.2162



Tritanopia

36.3299, 29.8440, 28.2718

Trichromacy



Original Color

44.0989, 29.9477, 66.4070



Protanomaly

34.9815, 29.0228, 79.3595



Deuteranomaly

34.3318, 29.0246, 64.1144



Tritanomaly

38.5945, 29.6156, 39.7586

Monochromacy



Original Color

44.0989, 29.9477, 66.4070



Achromatopsia

30.2779, 31.8547, 34.6897



Achromatomaly

34.0599, 30.1563, 44.5830

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.0989, 29.9477, 66.4070 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, 112, 213)` looks like.

```
.text, #text, p{  
    color:rgb(209, 112, 213)  
}
```

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, 112, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 112, 213) }
```

Border

The CSS property to change the border of an element to XYZ 44.0989, 29.9477, 66.4070 is called "border". The border property can be set on classes, ids or directly on the HTML element.

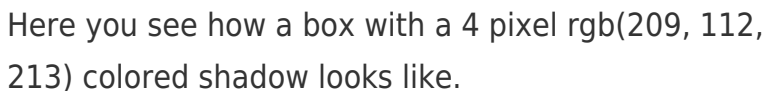
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(209, 112, 213) }
```


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

```
.border{ border-color:rgb(209, 112, 213) }
```

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



Here you see how a box with a 4 pixel rgb(209, 112, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 112, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 112, 213);  
box-shadow:4px 4px 4px 4px rgb(209, 112,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 44.0989, 29.9477, 66.4070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 112, 213) }
```

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

```
.background{ background-color: rgb(209,  
112, 213) }
```

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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