

Converting Colors

XYZ(37.6209, 26.6612, 49.0467)

Have a look what the booklet for
XYZ(37.6209, 26.6612, 49.0467)
contains.

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Color

**XYZ(37.6216, 26.6604,
49.0620)**

Conversions

Conversions Part 1

Format	Color
Hex	C66EB9
RGB	198, 110, 185
RGB Percent	78%, 43%, 73%
CMY	0.2235, 0.5686, 0.2745
CMYK	0.00, 0.44, 0.07, 0.22
HSL	309°, 44%, 60%
HSV	309°, 44%, 78%
XYZ	37.6216, 26.6604, 49.0620
YIQ	144.8620, 28.3730, 41.9810

Conversions

Conversions Part 2

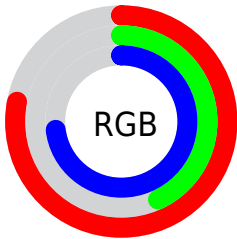
Format	Color
R _Y B	198, 110, 185
Decimal	13004473
CIE Lab	58.66, 45.31, -24.61
CIE LCh	59, 51.562, 331.495
Yxy	26.6604, 0.3319, 0.2352
Android (android.graphics.Color)	4291194553 (0xFFC66EB9)
YUV	144.8620, 19.7880, 46.6020
Hunter-Lab	51.6337, 39.7005, -20.1934

Details

The XYZ color **37.6216, 26.6604, 49.0620** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **30.2008, 45.1342, 25.8607**, and the grayscale version is **26.7726, 28.1669, 30.6738**.

A 20% lighter version of the original color is **70.3926, 54.1618, 89.9633**, and **16.8332, 10.4428, 22.9583** is the 20% darker color. If you saturate the color by 10%, you get **35.4137, 22.7333, 46.8183**, and if you desaturate by 10%, it is **40.3148, 31.5470, 51.4994**.

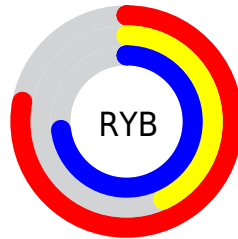
Distribution



Red (78%)

Green (43%)

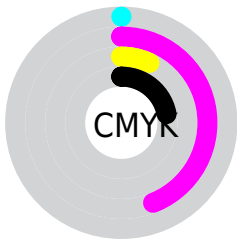
Blue (73%)



Red (78%)

Yellow (43%)

Blue (73%)

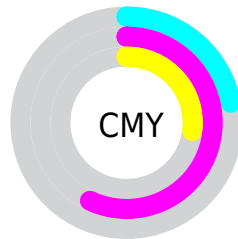


Cyan (0%)

Magenta (44%)

Yellow (7%)

Black (22%)



Cyan (22%)


Magenta (57%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.6216, 26.6604, 49.0620 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 37.6216, 26.6604, 49.0620 by changing the saturation by 10% instead.


 37.6216, 26.6604,
49.0620


 37.6216, 26.6604,
49.0620

327.3029,
286.0091, 399.6158


 25.8650, 17.3183,
34.3027


 70.8354, 54.3384,
90.1655


 16.8548, 10.4617,
22.8470


 93.0234, 73.4432,
117.3467

 10.2257, 5.7062,
14.2763


 119.4191, 96.5710,
149.5057

 5.6123, 2.6672,
8.1722

 150.3881,
124.1062, 187.0610

 2.6492, 0.9606,
4.1160

186.2956,
156.4332, 230.4312

 0.9711, 0.0000,
1.6892

227.5070,

 0.0000, 0.0000,

193.9364, 280.0346

0.3533

274.3877,
237.0002, 336.2900

■ 0.0000, 0.0000,
0.0000

■ 37.6216, 26.6604,
49.0620

■ 37.6216, 26.6604,
49.0620

■ 35.4137, 22.7333,
46.8183

■ 40.3148, 31.5470,
51.4994

■ 33.6564, 19.6978,
44.7556

■ 43.5200, 37.4478,
54.1387

■ 32.3144, 17.4826,
42.8623


■ 47.2650, 44.4178,
56.9897


■ 31.3457, 16.0044,
41.1244


■ 51.5747, 52.5070,
60.0608


■ 30.6999, 15.1618,
39.5246


■ 56.4725, 61.7622,
63.3601

 30.4268, 14.8611,
38.6773

 61.9807, 72.2274,
66.8951

 68.1201, 83.9446,
70.6728

 70.4838, 88.0998,
73.2247

 70.8480, 88.2455,
75.1428

Harmonies

Analogous

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



32.2507, 26.6604, 70.0901



37.6216, 26.6604, 49.0620



39.5706, 26.6604, 28.1282

Triad

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



37.6216, 26.6604, 49.0620



25.0235, 26.6604, 6.2567



16.3082, 26.6604, 51.3322

Complementary

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



37.6216, 26.6604, 49.0620



30.2008, 45.1342, 25.8607

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.



15.0098, 26.6604, 29.9481



37.6216, 26.6604, 49.0620



19.4944, 26.6604, 8.2866

Square

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



37.6216, 26.6604, 49.0620



31.6087, 26.6604, 7.8983



16.0725, 26.6604, 15.3604



19.9601, 26.6604, 71.7405

Rectangle

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



37.6216, 26.6604, 49.0620



38.4468, 26.6604, 18.0310



16.0725, 26.6604, 15.3604



15.6123, 26.6604, 43.7784

Sweetspot

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



37.6225, 26.6616, 49.0625



84.5928, 80.3315, 101.5737



23.7586, 19.3486, 55.9092



17.7641, 16.5543, 21.4894



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.



37.6225, 26.6616, 49.0625



62.9386, 40.6570, 83.1526



33.7682, 25.1199, 28.7665



11.0131, 10.7886, 13.0525



19.8119, 9.6743, 25.2833



0.9569, 0.4656, 1.2964

Inverse Universe

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



37.6225, 26.6616, 49.0625



62.9386, 40.6570, 83.1526



33.4841, 46.4475, 43.1499



11.0131, 10.7886, 13.0525



19.8119, 9.6743, 25.2833



0.9569, 0.4656, 1.2964

Previews

White Background



This preview shows how the XYZ color 37.6216, 26.6604, 49.0620 looks on a white background.

Color Contrast Check

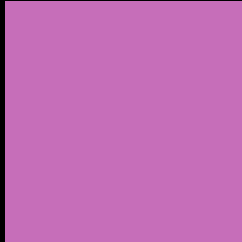
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.6216, 26.6604, 49.0620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

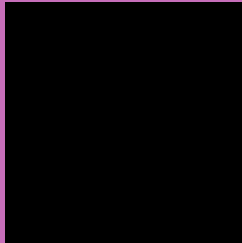
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 37.6216, 26.6604, 49.0620

Background



This preview shows how black text looks on a background with the XYZ color 37.6216, 26.6604, 49.0620.



This preview shows how white text looks on a background with the XYZ color 37.6216, 26.6604,

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

37.6216, 26.6604, 49.0620

Protanopia

28.2255, 26.9412, 63.3870

Deuteranopia

27.4625, 26.9114, 46.9270



Tritanopia

32.7945, 26.7642, 24.9103

Trichromacy



Original Color

37.6216, 26.6604, 49.0620

Protanomaly

30.3572, 25.9044, 58.0436

Deuteranomaly

30.2632, 26.0848, 47.6958

Tritanomaly

34.3125, 26.6606, 32.6157

Monochromacy



Original Color

37.6216, 26.6604, 49.0620

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

29.9063, 26.9331, 36.8801

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.6216, 26.6604, 49.0620 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(198, 110, 185)` looks like.

```
.text, #text, p{  
    color:rgb(198, 110, 185)  
}
```

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(198, 110, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 110, 185) }
```

Border

The CSS property to change the border of an element to XYZ 37.6216, 26.6604, 49.0620 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(198, 110, 185) }
```


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

```
.border{ border-color:rgb(198, 110, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 110, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 110, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 110, 185);  
box-shadow:4px 4px 4px 4px rgb(198, 110,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 37.6216, 26.6604, 49.0620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 110, 185) }
```

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

```
.background{ background-color: rgb(198,  
110, 185) }
```

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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