

Converting Colors

XYZ(30.4798, 17.7016, 23.7499)

Have a look what the booklet for
XYZ(30.4798, 17.7016, 23.7499)
contains.

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Color

**XYZ(30.4622, 17.6999,
23.6407)**

Conversions

Conversions Part 1

Format	Color
Hex	CB3D84
RGB	203, 61, 132
RGB Percent	80%, 24%, 52%
CMY	0.2039, 0.7608, 0.4824
CMYK	0.00, 0.70, 0.35, 0.20
HSL	330°, 58%, 52%
HSV	330°, 70%, 80%
XYZ	30.4622, 17.6999, 23.6407
YIQ	111.5520, 61.8410, 52.1850

Conversions

Conversions Part 2

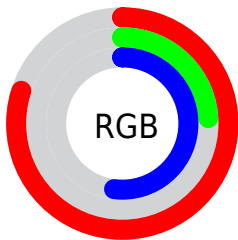
Format	Color
R_{YB}	203, 61, 132
Decimal	13319556
CIE _{Lab}	49.13, 61.44, -7.91
CIE _{LCh}	49, 61.946, 352.660
Yxy	17.6999, 0.4242, 0.2465
Android (android.graphics.Color)	4291509636 (0xFFCB3D84)
YUV	111.5520, 10.0809, 80.1999
Hunter-Lab	42.0712, 55.6204, -3.8664

Details

The XYZ color **30.4622, 17.6999, 23.6407** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark muted rose. A complement of this color would be **27.4463, 45.3705, 29.1434**, and the grayscale version is **15.2299, 16.0230, 17.4490**.

A 20% lighter version of the original color is **56.5938, 37.9564, 50.2424**, and **13.0629, 6.5538, 8.7601** is the 20% darker color. If you saturate the color by 10%, you get **28.9151, 15.6637, 19.8630**, and if you desaturate by 10%, it is **32.4879, 20.5848, 27.9116**.

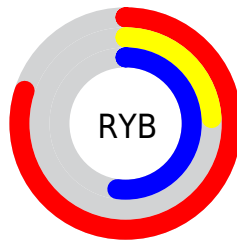
Distribution



Red (80%)

Green (24%)

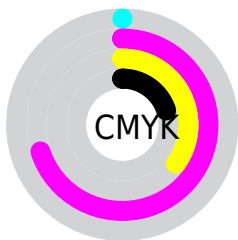
Blue (52%)



Red (80%)

Yellow (24%)

Blue (52%)

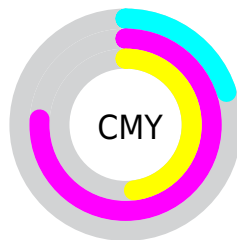


Cyan (0%)

Magenta (70%)

Yellow (35%)

Black (20%)



Cyan (20%)


Magenta (76%)


Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4622, 17.6999, 23.6407 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 30.4622, 17.6999, 23.6407 by changing the saturation by 10% instead.


 30.4622, 17.6999,
23.6407


 30.4622, 17.6999,
23.6407


295.9243,
239.1741, 284.2267


 20.3395, 10.7347,
14.8576


 59.7740, 39.5253,
50.3797


 12.7518, 5.8888,
8.5740


 79.6938, 55.1543,
69.1726


 7.3336, 2.7776,
4.3714


 103.6099, 74.4401,
92.1393

 3.7198, 1.0167,
1.8312

 131.8879, 97.7670,
119.6982

 1.5449, 0.0000,
0.4484

 164.8929,
125.5195, 152.2678

 0.3561, 0.0000,
0.0000

202.9904,

 0.0000, 0.0000,

158.0819, 190.2667

0.0000

246.5458,
195.8386, 234.1135

■ 30.4622, 17.6999,
23.6407

■ 30.4622, 17.6999,
23.6407

■ 28.9151, 15.6637,
19.8630

■ 32.4879, 20.5848,
27.9116

■ 27.7940, 14.3745,
16.5513

■ 35.0338, 24.3993,
32.6985

■ 27.0058, 13.6493,
13.6646

■ 38.1388, 29.2178,
38.0230

■ 27.0019, 13.6458,
13.6502

■ 41.8371, 35.1063,
43.9050

■ 46.1603, 42.1253,
50.3632

■ 51.1375, 50.3304,
57.4153

■ 56.7961, 59.7740,
65.0779

■ 63.1618, 70.5048,
73.3670

■ 70.2589, 82.5694,
82.2979

Harmonies

Analogous

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



27.3216, 17.6999, 45.8122



30.4622, 17.6999, 23.6407



29.3348, 17.6999, 9.4109

Triad

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



30.4622, 17.6999, 23.6407



12.8871, 17.6999, 2.2804



10.9321, 17.6999, 57.3775

Complementary

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



30.4622, 17.6999, 23.6407



27.4463, 45.3705, 29.1434

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.



8.4969, 17.6999, 34.3565



30.4622, 17.6999, 23.6407



9.4315, 17.6999, 5.6779

Square

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



30.4622, 17.6999, 23.6407



18.2864, 17.6999, 1.7900



8.0188, 17.6999, 15.4780



15.4402, 17.6999, 71.3690

Rectangle

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



30.4622, 17.6999, 23.6407



26.4137, 17.6999, 4.7317



8.0188, 17.6999, 15.4780



9.8906, 17.6999, 49.9717

Sweetspot

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



30.4627, 17.7008, 23.6410



76.2664, 68.8573, 82.8328



21.9651, 12.5560, 57.7659



15.8761, 14.0081, 17.0687



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.



30.4627, 17.7008, 23.6410



47.3630, 24.9669, 30.2960



27.1403, 16.3719, 6.1457



11.4423, 11.3057, 12.8639



17.2299, 8.7025, 8.9291



0.9272, 0.4643, 0.6624

Inverse Universe

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



30.4627, 17.7008, 23.6410



47.3630, 24.9669, 30.2960



34.0604, 48.0161, 63.9729



11.4423, 11.3057, 12.8639



17.2299, 8.7025, 8.9291



0.9272, 0.4643, 0.6624

Previews

White Background



This preview shows how the XYZ color 30.4622, 17.6999, 23.6407 looks on a white 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

Black Background



This preview shows how the XYZ color 30.4622, 17.6999, 23.6407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

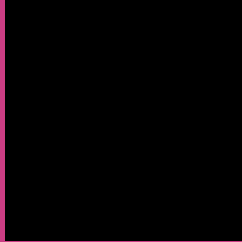
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.4622, 17.6999, 23.6407

Background



This preview shows how black text looks on a background with the XYZ color 30.4622, 17.6999, 23.6407.



This preview shows how white text looks on a background with the XYZ color 30.4622, 17.6999,

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

30.4622, 17.6999, 23.6407

Protanopia

18.6624, 18.0647, 40.0393

Deuteranopia

18.1764, 17.8753, 21.8943



Tritanopia

27.4805, 17.7388, 9.3727

Trichromacy



Original Color

30.4622, 17.6999, 23.6407

Protanomaly

20.5001, 16.0844, 33.4766

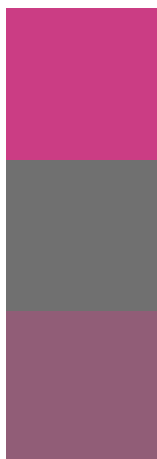
Deuteranomaly

21.1254, 16.5152, 22.4964

Tritanomaly

28.2142, 17.5415, 13.4541

Monochromacy



Original Color

30.4622, 17.6999, 23.6407

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

18.9212, 15.1804, 19.3856

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4622, 17.6999, 23.6407 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(203, 61, 132)` looks like.

```
.text, #text, p{  
    color:rgb(203, 61, 132)  
}
```

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(203, 61, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 61, 132) }
```

Border

The CSS property to change the border of an element to XYZ 30.4622, 17.6999, 23.6407 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(203, 61, 132) }
```


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

```
.border{ border-color:rgb(203, 61, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 61, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 61, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 61, 132);  
box-shadow:4px 4px 4px 4px rgb(203, 61,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4622, 17.6999, 23.6407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 61, 132) }
```

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

```
.background{ background-color: rgb(203, 61,  
132) }
```

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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