

Converting Colors

XYZ(30.4366, 18.6208, 32.4583)

Have a look what the booklet for
XYZ(30.4366, 18.6208, 32.4583)
contains.

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Color

**XYZ(30.5296, 18.7000,
32.5722)**

Conversions

Conversions Part 1

Format	Color
Hex	C24A9A
RGB	194, 74, 154
RGB Percent	76%, 29%, 60%
CMY	0.2392, 0.7098, 0.3961
CMYK	0.00, 0.62, 0.21, 0.24
HSL	320°, 50%, 53%
HSV	320°, 62%, 76%
XYZ	30.5296, 18.7000, 32.5722
YIQ	119.0000, 45.8400, 50.3200

Conversions

Conversions Part 2

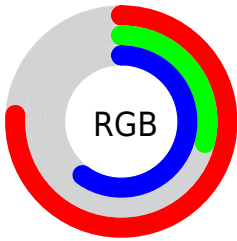
Format	Color
RYB	194, 74, 154
Decimal	12733082
CIELab	50.33, 56.50, -19.39
CIElCh	50, 59.735, 341.058
Yxy	18.7000, 0.3732, 0.2286
Android (android.graphics.Color)	4290923162 (0xFFC24A9A)
YUV	119.0000, 17.2550, 65.7750
Hunter-Lab	43.2435, 50.3436, -14.3884

Details

The XYZ color **30.5296, 18.7000, 32.5722** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **25.1540, 41.2548, 22.5588**, and the grayscale version is **17.4724, 18.3824, 20.0184**.

A 20% lighter version of the original color is **59.8669, 41.1866, 65.1161**, and **12.8081, 6.3845, 13.3892** is the 20% darker color. If you saturate the color by 10%, you get **28.9042, 16.2879, 29.4442**, and if you desaturate by 10%, it is **32.5845, 21.9241, 35.9869**.

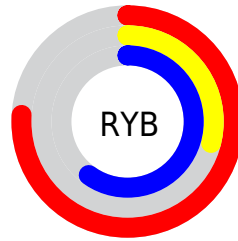
Distribution



Red (76%)

Green (29%)

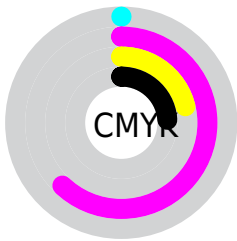
Blue (60%)



Red (76%)

Yellow (29%)

Blue (60%)

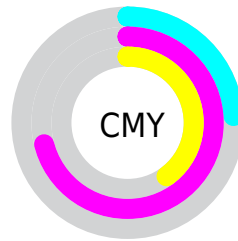


Cyan (0%)

Magenta (62%)

Yellow (21%)

Black (24%)



Cyan (24%)


Magenta (71%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.5296, 18.7000, 32.5722 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 30.5296, 18.7000, 32.5722 by changing the saturation by 10% instead.

 30.5296, 18.7000,
32.5722


 30.5296, 18.7000,
32.5722


296.2310,
244.7876, 328.2903


 20.3910, 11.4537,
21.5305


 59.8796, 41.2266,
64.8153

 12.7895, 6.3729,
13.3173

 79.8217, 57.2756,
86.8539


 7.3597, 3.0731,
7.5141


 103.7623, 77.0277,
113.3951

 3.7364, 1.1700,
3.7024

 132.0669,
100.8672, 144.8575

 1.5541, 0.0370,
1.4635

 165.1006,
129.1786, 181.6597

 0.3622, 0.0000,
0.1905

203.2290,

 0.0000, 0.0000,

162.3461, 224.2202

0.0000

246.8174,
200.7543, 272.9576

■ 30.5296, 18.7000,
32.5722

■ 30.5296, 18.7000,
32.5722

■ 28.9042, 16.2879,
29.4442

■ 32.5845, 21.9241,
35.9869

■ 27.6680, 14.6087,
26.5867

■ 35.1008, 26.0241,
39.7006

■ 26.7756, 13.5723,
23.9826

■ 38.1093, 31.0607,
43.7259

■ 26.2326, 13.0631,
22.0230

■ 41.6375, 37.0883,
48.0740

■ 45.7110, 44.1572,
52.7555

■ 50.3535, 52.3142,
57.7803

■ 55.5873, 61.6033,
63.1578

■ 61.4334, 72.0660,
68.8970

■ 67.9118, 83.7417,
75.0064

Harmonies

Analogous

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



26.1407, 18.7000, 55.1358



30.5296, 18.7000, 32.5722



31.1017, 18.7000, 14.8343

Triad

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



30.5296, 18.7000, 32.5722



15.7216, 18.7000, 2.3576



10.6277, 18.7000, 49.3271

Complementary

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



30.5296, 18.7000, 32.5722



25.1540, 41.2548, 22.5588

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.



8.9293, 18.7000, 27.1140



30.5296, 18.7000, 32.5722



11.4150, 18.7000, 4.5350

Square

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



30.5296, 18.7000, 32.5722



21.6406, 18.7000, 2.6377



9.1821, 18.7000, 11.6616



14.3974, 18.7000, 67.8992

Rectangle

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



30.5296, 18.7000, 32.5722



29.1264, 18.7000, 7.9385



9.1821, 18.7000, 11.6616



9.8369, 18.7000, 41.6540

Sweetspot

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



30.5302, 18.7009, 32.5726



77.2236, 70.2789, 89.2033



19.1269, 12.3712, 52.4189



16.4648, 14.6201, 19.0080



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.



30.5302, 18.7009, 32.5726



51.5486, 28.3591, 51.5730



26.7181, 17.1761, 12.4981



10.3499, 10.1886, 11.9333



17.2865, 8.6043, 14.6865



0.7778, 0.3841, 0.7972

Inverse Universe

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



30.5302, 18.7009, 32.5726



51.5486, 28.3591, 51.5730



29.7565, 43.0958, 46.7951



10.3499, 10.1886, 11.9333



17.2865, 8.6043, 14.6865



0.7778, 0.3841, 0.7972

Previews

White Background



This preview shows how the XYZ color 30.5296, 18.7000, 32.5722 looks on a white background.

Color Contrast Check

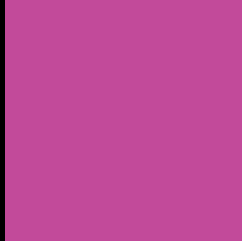
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.5296, 18.7000, 32.5722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

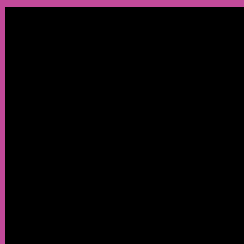
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.5296, 18.7000, 32.5722

Background



This preview shows how black text looks on a background with the XYZ color 30.5296, 18.7000, 32.5722.



This preview shows how white text looks on a background with the XYZ color 30.5296, 18.7000,

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

30.5296, 18.7000, 32.5722

Protanopia

20.2748, 19.0206, 50.1797

Deuteranopia

19.3526, 18.9854, 30.2483



Tritanopia

26.6242, 18.7898, 13.0500

Trichromacy



Original Color

30.5296, 18.7000, 32.5722



Protanomaly

21.9479, 17.4626, 43.2881



Deuteranomaly

22.1105, 17.8157, 31.1276



Tritanomaly

27.8086, 18.6780, 18.6625

Monochromacy



Original Color

30.5296, 18.7000, 32.5722



Achromatopsia

17.5343, 18.4475, 20.0893



Achromatomaly

20.8692, 17.4774, 24.1034

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5296, 18.7000, 32.5722 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(194, 74, 154)` looks like.

```
.text, #text, p{  
    color:rgb(194, 74, 154)  
}
```

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(194, 74, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 74, 154) }
```

Border

The CSS property to change the border of an element to XYZ 30.5296, 18.7000, 32.5722 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(194, 74, 154) }
```


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

```
.border{ border-color:rgb(194, 74, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 74, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 74, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 74, 154);  
box-shadow:4px 4px 4px 4px rgb(194, 74,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5296, 18.7000, 32.5722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 74, 154) }
```

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

```
.background{ background-color: rgb(194, 74,  
154) }
```

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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