

Converting Colors

XYZ(29.2740, 18.1999, 17.0090)

Have a look what the booklet for
XYZ(29.2740, 18.1999, 17.0090)
contains.

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Color

**XYZ(29.2740, 18.1999,
17.0090)**

Conversions

Conversions Part 1

Format	Color
Hex	C9486F
RGB	201, 72, 111
RGB Percent	79%, 28%, 44%
CMY	0.2118, 0.7176, 0.5647
CMYK	0.00, 0.64, 0.45, 0.21
HSL	342°, 54%, 54%
HSV	342°, 64%, 79%
XYZ	29.2740, 18.1999, 17.0090
YIQ	115.0170, 64.3650, 39.4770

Conversions

Conversions Part 2

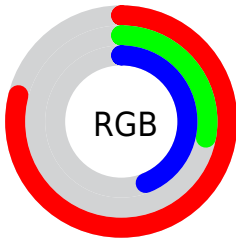
Format	Color
R_{YB}	201, 72, 111
Decimal	13191279
CIE _{Lab}	49.74, 54.31, 5.63
CIE _{LCh}	50, 54.603, 5.916
Yxy	18.1999, 0.4540, 0.2822
Android (android.graphics.Color)	4291381359 (0xFFC9486F)
YUV	115.0170, -1.9804, 75.4071
Hunter-Lab	42.6613, 47.8285, 6.2241

Details

The XYZ color **29.2740, 18.1999, 17.0090** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **30.0818, 45.7601, 41.4326**, and the grayscale version is **16.2938, 17.1423, 18.6680**.

A 20% lighter version of the original color is **55.3510, 39.0474, 38.8020**, and **12.0807, 6.1209, 5.3952** is the 20% darker color. If you saturate the color by 10%, you get **27.4678, 15.7278, 12.8916**, and if you desaturate by 10%, it is **31.6271, 21.5717, 21.9071**.

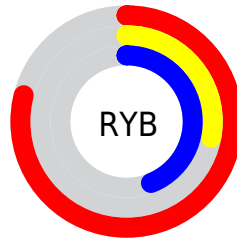
Distribution



Red (79%)

Green (28%)

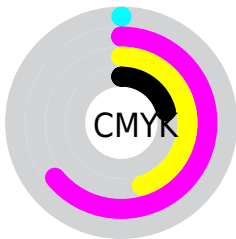
Blue (44%)



Red (79%)

Yellow (28%)

Blue (44%)

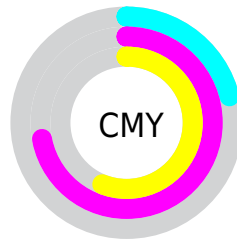


Cyan (0%)

Magenta (64%)

Yellow (45%)

Black (21%)



Cyan (21%)


Magenta (72%)


Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.2740, 18.1999, 17.0090 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 29.2740, 18.1999, 17.0090 by changing the saturation by 10% instead.


 29.2740, 18.1999,
17.0090


 29.2740, 18.1999,
17.0090

290.4765,
241.9954, 247.2699


 19.4335, 11.0936,
10.0789


 57.9067, 40.3777,
39.1321


 12.0898, 6.1298,
5.3450


 77.4296, 56.2179,
55.1622


 6.8775, 2.9242,
2.3888


 100.9107, 75.7383,
75.0627

 3.4313, 1.0923,
0.7803

 128.7154, 99.3231,
99.2521

 1.3857, 0.0000,
0.0000

 161.2089,
127.3568, 128.1490

 0.2460, 0.0000,
0.0000

198.7567,

 0.0000, 0.0000,

160.2239, 162.1719

0.0000

241.7241,
198.3086, 201.7394

■ 29.2740, 18.1999,
17.0090

■ 29.2740, 18.1999,
17.0090

■ 27.4678, 15.7278,
12.8916

■ 31.6271, 21.5717,
21.9071

■ 26.1582, 14.0640,
9.5100

■ 34.5682, 25.9171,
27.6253

■ 25.2873, 13.1022,
6.8148

■ 38.1361, 31.3058,
34.2010

■ 24.9232, 12.7518,
5.5289

■ 42.3658, 37.8000,
41.6692

■ 47.2895, 45.4572,
50.0625

■ 52.9373, 54.3307,
59.4121

■ 59.3375, 64.4707,
69.7475

■ 66.5170, 75.9244,
81.0970

■ 74.5010, 88.7366,
93.4877

Harmonies

Analogous

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



28.1286, 18.1999, 33.9525



29.2740, 18.1999, 17.0090



26.7273, 18.1999, 7.3169

Triad

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



29.2740, 18.1999, 17.0090



12.0704, 18.1999, 4.4943



13.5300, 18.1999, 59.1494

Complementary

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



29.2740, 18.1999, 17.0090



30.0818, 45.7601, 41.4326

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.



10.3976, 18.1999, 41.8116



29.2740, 18.1999, 17.0090



9.6807, 18.1999, 10.2762

Square

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



29.2740, 18.1999, 17.0090



16.2881, 18.1999, 2.7994



9.1362, 18.1999, 22.9173



18.3497, 18.1999, 64.1359

Rectangle

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



29.2740, 18.1999, 17.0090



23.5298, 18.1999, 4.3019



9.1362, 18.1999, 22.9173



12.2776, 18.1999, 54.2598

Sweetspot

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



29.2745, 18.2009, 17.0093



76.5212, 70.8988, 78.1953



27.3881, 16.3420, 56.9691



15.8671, 14.3810, 15.8604



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.



29.2745, 18.2009, 17.0093



46.0563, 25.6602, 19.6665



29.4089, 21.1886, 8.6719



10.7636, 10.6888, 11.7386



15.7067, 8.0322, 3.6654



0.7763, 0.3934, 0.3453

Inverse Universe

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



29.2745, 18.2009, 17.0093



46.0563, 25.6602, 19.6665



29.0072, 37.1783, 60.9055



10.7636, 10.6888, 11.7386



15.7067, 8.0322, 3.6654



0.7763, 0.3934, 0.3453

Previews

White Background



This preview shows how the XYZ color 29.2740, 18.1999, 17.0090 looks on a white background.

Color Contrast Check

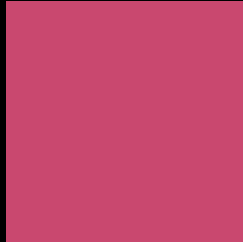
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.2740, 18.1999, 17.0090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

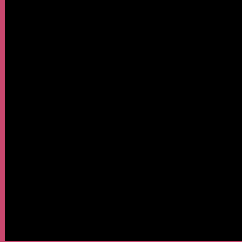
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.2740, 18.1999, 17.0090

Background



This preview shows how black text looks on a background with the XYZ color 29.2740, 18.1999, 17.0090.



This preview shows how white text looks on a background with the XYZ color 29.2740, 18.1999,

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

29.2740, 18.1999, 17.0090

Protanopia

18.0640, 18.4078, 26.2679

Deuteranopia

18.6722, 18.4323, 15.9383



Tritanopia

27.8389, 18.2154, 10.2323

Trichromacy



Original Color

29.2740, 18.1999, 17.0090

Protanomaly

20.4040, 16.9769, 22.6235

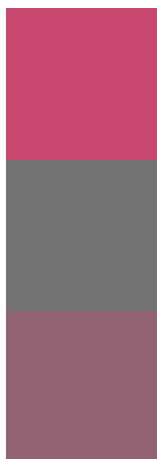
Deuteranomaly

21.4138, 17.3561, 16.1314

Tritanomaly

28.3796, 18.2386, 12.3805

Monochromacy



Original Color

29.2740, 18.1999, 17.0090

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

19.3532, 16.2496, 18.0360

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2740, 18.1999, 17.0090 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(201, 72, 111)` looks like.

```
.text, #text, p{  
    color:rgb(201, 72, 111)  
}
```

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(201, 72, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 72, 111) }
```

Border

The CSS property to change the border of an element to XYZ 29.2740, 18.1999, 17.0090 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(201, 72, 111) }
```


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

```
.border{ border-color:rgb(201, 72, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 72, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 72, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 72, 111);  
box-shadow:4px 4px 4px 4px rgb(201, 72,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2740, 18.1999, 17.0090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 72, 111) }
```

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

```
.background{ background-color: rgb(201, 72,  
111) }
```

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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