

Converting Colors

XYZ(30.8443, 17.2116, 29.6720)

Have a look what the booklet for
XYZ(30.8443, 17.2116, 29.6720)
contains.

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Color

**XYZ(30.7519, 17.1940,
29.7149)**

Conversions

Conversions Part 1

Format	Color
Hex	C93694
RGB	201, 54, 148
RGB Percent	79%, 21%, 58%
CMY	0.2118, 0.7882, 0.4196
CMYK	0.00, 0.73, 0.26, 0.21
HSL	322°, 58%, 50%
HSV	322°, 73%, 79%
XYZ	30.7519, 17.1940, 29.7149
YIQ	108.6690, 57.4380, 60.3980

Conversions

Conversions Part 2

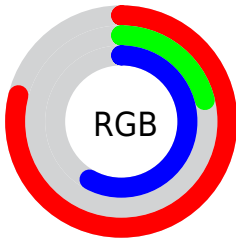
Format	Color
R_{YB}	201, 54, 148
Decimal	13186708
CIE _{Lab}	48.50, 65.22, -18.52
CIE _{LCh}	49, 67.798, 344.151
Yxy	17.1940, 0.3960, 0.2214
Android (android.graphics.Color)	4291376788 (0xFFC93694)
YUV	108.6690, 19.3902, 80.9743
Hunter-Lab	41.4656, 59.8149, -13.4621

Details

The XYZ color **30.7519, 17.1940, 29.7149** 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 **25.0629, 43.6198, 21.0110**, and the grayscale version is **14.3789, 15.1278, 16.4741**.

A 20% lighter version of the original color is **57.8058, 37.3345, 60.0367**, and **13.4854, 6.7027, 11.8923** is the 20% darker color. If you saturate the color by 10%, you get **29.4463, 15.4722, 26.5374**, and if you desaturate by 10%, it is **32.4808, 19.7046, 33.2110**.

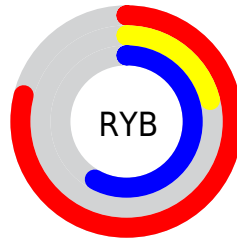
Distribution



Red (79%)

Green (21%)

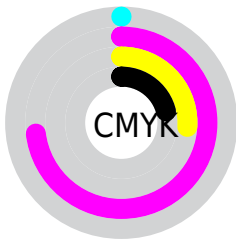
Blue (58%)



Red (79%)

Yellow (21%)

Blue (58%)

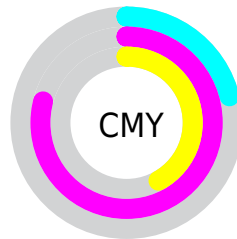


Cyan (0%)

Magenta (73%)

Yellow (26%)

Black (21%)



Cyan (21%)


Magenta (79%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.7519, 17.1940, 29.7149 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 30.7519, 17.1940, 29.7149 by changing the saturation by 10% instead.


 30.7519, 17.1940,
29.7149


 30.7519, 17.1940,
29.7149


297.2410,
236.2879, 314.7391

 20.5609, 10.3729,
19.3721


 60.2278, 38.6590,
60.2667

 12.9140, 5.6469,
11.7599


 80.2433, 54.0718,
81.3127


 7.4460, 2.6316,
6.4599


 104.2644, 73.1171,
106.7636

 3.7913, 0.9426,
3.0534

 132.6565, 96.1796,
137.0378

 1.5848, 0.0000,
1.1220

 165.7848,
123.6435, 172.5539

 0.3825, 0.0000,
0.0000

204.0148,

 0.0000, 0.0000,

155.8932, 213.7305

0.0000

247.7117,
193.3132, 260.9860

■ 30.7519, 17.1940,
29.7149

■ 30.7519, 17.1940,
29.7149

■ 29.4463, 15.4722,
26.5374

■ 32.4808, 19.7046,
33.2110

■ 28.5107, 14.4340,
23.6572

■ 34.6746, 23.0866,
37.0422

■ 28.0185, 13.9900,
21.8278

■ 37.3712, 27.4147,
41.2245

■ 40.6041, 32.7551,
45.7720

■ 44.4040, 39.1680,
50.6978

■ 48.7990, 46.7087,
56.0141

■ 53.8154, 55.4289,
61.7324

■ 59.4776, 65.3768,
67.8637

■ 65.8091, 76.5982,
74.4184

Harmonies

Analogous

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



26.1644, 17.1940, 55.5998



30.7519, 17.1940, 29.7149



30.8918, 17.1940, 11.5361

Triad

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



30.7519, 17.1940, 29.7149



13.5903, 17.1940, 1.2797



9.1778, 17.1940, 54.1313

Complementary

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



30.7519, 17.1940, 29.7149



25.0629, 43.6198, 21.0110

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.



7.2750, 17.1940, 28.4018



30.7519, 17.1940, 29.7149



9.3493, 17.1940, 3.3337

Square

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



30.7519, 17.1940, 29.7149



19.8295, 17.1940, 1.3241



7.3285, 17.1940, 10.8412



13.2901, 17.1940, 74.7505

Rectangle

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



30.7519, 17.1940, 29.7149



28.3668, 17.1940, 5.3279



7.3285, 17.1940, 10.8412



8.3110, 17.1940, 45.2708

Sweetspot

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



30.7524, 17.1949, 29.7152



76.6029, 68.0458, 87.5216



17.7417, 9.8872, 56.2320



15.9871, 13.8688, 18.2196



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.



30.7524, 17.1949, 29.7152



49.3682, 25.2787, 42.3670



26.7136, 15.5794, 8.4472



10.9145, 10.7492, 12.5331



17.6620, 8.8144, 13.9620



0.8701, 0.4309, 0.8389

Inverse Universe

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



30.7524, 17.1949, 29.7152



49.3682, 25.2787, 42.3670



30.5404, 45.8108, 49.8550



10.9145, 10.7492, 12.5331



17.6620, 8.8144, 13.9620



0.8701, 0.4309, 0.8389

Previews

White Background



This preview shows how the XYZ color 30.7519, 17.1940, 29.7149 looks on a white background.

Color Contrast Check

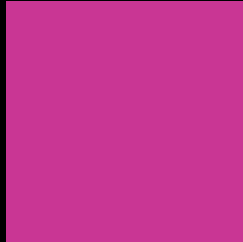
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.7519, 17.1940, 29.7149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

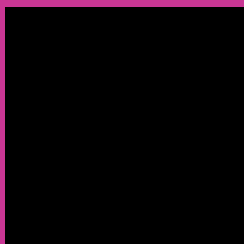
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 30.7519, 17.1940, 29.7149

Background



This preview shows how black text looks on a background with the XYZ color 30.7519, 17.1940, 29.7149.



This preview shows how white text looks on a background with the XYZ color 30.7519, 17.1940,

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

30.7519, 17.1940, 29.7149

Protanopia

19.0980, 17.4995, 52.8232

Deuteranopia

17.7090, 17.3485, 27.2262



Tritanopia

26.4330, 17.1988, 9.3237

Trichromacy



Original Color

30.7519, 17.1940, 29.7149

Protanomaly

20.3671, 15.2642, 43.4678

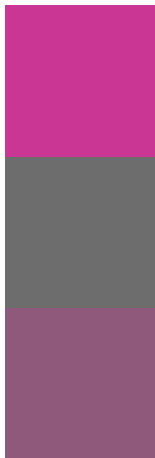
Deuteranomaly

20.6391, 15.7485, 27.9386

Tritanomaly

27.5318, 16.8841, 14.9046

Monochromacy



Original Color

30.7519, 17.1940, 29.7149

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

18.3029, 14.3256, 20.5393

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.7519, 17.1940, 29.7149 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, 54, 148)` looks like.

```
.text, #text, p{  
    color:rgb(201, 54, 148)  
}
```

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, 54, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 54, 148) }
```

Border

The CSS property to change the border of an element to XYZ 30.7519, 17.1940, 29.7149 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, 54, 148) }
```


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

```
.border{ border-color:rgb(201, 54, 148) }
```

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

Here you see how a box with a 4 pixel rgb(201, 54, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 54, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 54, 148);  
box-shadow:4px 4px 4px 4px rgb(201, 54,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 30.7519, 17.1940, 29.7149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 54, 148) }
```

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

```
.background{ background-color: rgb(201, 54,  
148) }
```

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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