

Converting Colors

XYZ(29.3686, 19.7947, 19.8071)

Have a look what the booklet for
XYZ(29.3686, 19.7947, 19.8071)
contains.

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Color

**XYZ(29.2436, 19.7504,
19.7237)**

Conversions

Conversions Part 1

Format	Color
Hex	C35777
RGB	195, 87, 119
RGB Percent	76%, 34%, 47%
CMY	0.2353, 0.6588, 0.5333
CMYK	0.00, 0.55, 0.39, 0.24
HSL	342°, 47%, 55%
HSV	342°, 55%, 76%
XYZ	29.2436, 19.7504, 19.7237
YIQ	122.9400, 54.0960, 32.8480

Conversions

Conversions Part 2

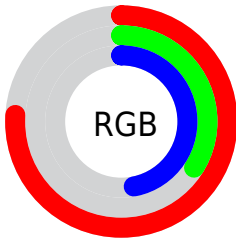
Format	Color
R_{YB}	195, 87, 119
Decimal	12801911
CIE _{Lab}	51.55, 46.37, 3.31
CIE _{LCh}	52, 46.485, 4.082
Yxy	19.7504, 0.4256, 0.2874
Android (android.graphics.Color)	4290991991 (0xFFC35777)
YUV	122.9400, -1.9424, 63.1966
Hunter-Lab	44.4414, 39.6851, 4.7953

Details

The XYZ color **29.2436, 19.7504, 19.7237** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **30.0575, 43.7012, 41.5039**, and the grayscale version is **18.8014, 19.7805, 21.5410**.

A 20% lighter version of the original color is **57.9688, 42.9564, 43.7642**, and **12.1624, 6.9459, 6.6609** is the 20% darker color. If you saturate the color by 10%, you get **27.1071, 16.7025, 15.2348**, and if you desaturate by 10%, it is **31.9265, 23.7006, 24.9823**.

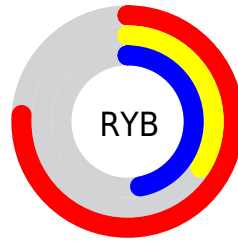
Distribution



Red (76%)

Green (34%)

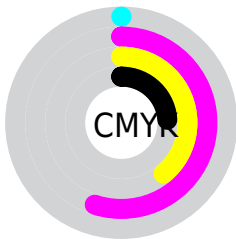
Blue (47%)



Red (76%)

Yellow (34%)

Blue (47%)

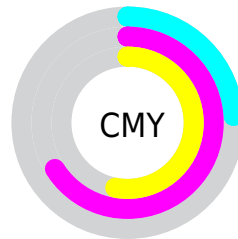


Cyan (0%)

Magenta (55%)

Yellow (39%)

Black (24%)



Cyan (24%)


Magenta (66%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.2436, 19.7504, 19.7237 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 29.2436, 19.7504, 19.7237 by changing the saturation by 10% instead.


 29.2436, 19.7504,
19.7237

 29.2436, 19.7504,
19.7237


290.3361,
250.5607, 262.9700


 19.4104, 12.2137,
12.0123


 57.8588, 42.9983,
43.8063


 12.0729, 6.8894,
6.6294


 77.3715, 59.4784,
61.0146

 6.8659, 3.3930,
3.1565


 100.8413, 79.7083,
82.2256

 3.4240, 1.3402,
1.1751

 128.6338,
104.0726, 107.8578

 1.3817, 0.1720,
0.0000

161.1141,
132.9556, 138.3298

 0.2432, 0.0000,
0.0000

198.6477,

 0.0000, 0.0000,

166.7416, 174.0602

0.0000

241.5999,
205.8152, 215.4674

■ 29.2436, 19.7504,
19.7237

■ 29.2436, 19.7504,
19.7237

■ 27.1071, 16.7025,
15.2348

■ 31.9265, 23.7006,
24.9823

■ 25.4752, 14.4814,
11.4760

■ 35.1904, 28.6147,
31.0450

■ 24.3021, 13.0045,
8.4055

■ 39.0685, 34.5520,
37.9455

■ 23.5319, 12.1690,
5.9754

■ 43.5914, 41.5664,
45.7149

■ 23.2635, 11.9052,
5.0443

■ 48.7871, 49.7080,
54.3830

■ 54.6824, 59.0238,
63.9777

■ 61.3023, 69.5578,
74.5260

■ 68.6707, 81.3520,
86.0537

■ 74.3688, 89.5634,
97.7717

Harmonies

Analogous

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



28.0750, 19.7504, 34.8364



29.2436, 19.7504, 19.7237



27.2464, 19.7504, 10.0627

Triad

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



29.2436, 19.7504, 19.7237



14.1714, 19.7504, 6.4518



15.1103, 19.7504, 53.9706

Complementary

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



29.2436, 19.7504, 19.7237



30.0575, 43.7012, 41.5039

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.



12.2671, 19.7504, 39.4008



29.2436, 19.7504, 19.7237



11.7915, 19.7504, 12.0997

Square

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



29.2436, 19.7504, 19.7237



18.1395, 19.7504, 4.6895



11.1567, 19.7504, 23.3901



19.4194, 19.7504, 58.7683

Rectangle

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



29.2436, 19.7504, 19.7237



24.5556, 19.7504, 6.6663



11.1567, 19.7504, 23.3901



13.9766, 19.7504, 49.8228

Sweetspot

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



29.2441, 19.7514, 19.7241



76.4577, 71.9300, 79.1358



28.2818, 18.5021, 53.7102



16.3687, 15.1694, 16.6903



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.



29.2441, 19.7514, 19.7241



48.0095, 29.1633, 26.0925



29.6528, 23.1435, 11.9225



10.1932, 10.1259, 11.1081



15.1527, 7.7508, 3.4500



0.6858, 0.3473, 0.3129

Inverse Universe

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



29.2441, 19.7514, 19.7241



48.0095, 29.1633, 26.0925



28.8020, 36.0079, 57.0618



10.1932, 10.1259, 11.1081



15.1527, 7.7508, 3.4500



0.6858, 0.3473, 0.3129

Previews

White Background



This preview shows how the XYZ color 29.2436, 19.7504, 19.7237 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 29.2436, 19.7504, 19.7237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

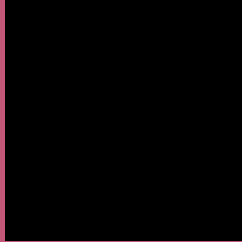
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.2436, 19.7504, 19.7237

Background



This preview shows how black text looks on a background with the XYZ color 29.2436, 19.7504, 19.7237.



This preview shows how white text looks on a background with the XYZ color 29.2436, 19.7504,

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

29.2436, 19.7504, 19.7237

Protanopia

19.7017, 20.1243, 27.6569

Deuteranopia

20.2815, 19.8975, 18.6912



Tritanopia

27.8911, 19.6827, 13.6384

Trichromacy



Original Color

29.2436, 19.7504, 19.7237

Protanomaly

21.9535, 19.1137, 24.3620

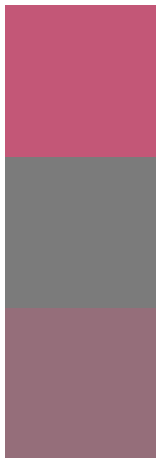
Deuteranomaly

22.7082, 19.1473, 19.0219

Tritanomaly

28.4541, 19.8016, 15.6870

Monochromacy



Original Color

29.2436, 19.7504, 19.7237

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

21.4832, 18.9466, 20.9371

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2436, 19.7504, 19.7237 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(195, 87, 119)` looks like.

```
.text, #text, p{  
    color:rgb(195, 87, 119)  
}
```

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(195, 87, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 87, 119) }
```

Border

The CSS property to change the border of an element to XYZ 29.2436, 19.7504, 19.7237 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(195, 87, 119) }
```


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

```
.border{ border-color:rgb(195, 87, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 87, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 87, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 87, 119);  
box-shadow:4px 4px 4px 4px rgb(195, 87,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2436, 19.7504, 19.7237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 87, 119) }
```

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

```
.background{ background-color: rgb(195, 87,  
119) }
```

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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