

Converting Colors

YUV(79.4200, 23.4569, 36.4657)

Have a look what the booklet for
YUV(79.4200, 23.4569, 36.4657)
contains.

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Color

**YUV(79.4200, 23.4569,
36.4657)**

Conversions

Conversions Part 1

Format	Color
Hex	79317F
RGB	121, 49, 127
RGB Percent	47%, 19%, 50%
CMY	0.5255, 0.8078, 0.5020
CMYK	0.05, 0.61, 0.00, 0.50
HSL	295°, 44%, 35%
HSV	295°, 61%, 50%
XYZ	12.8142, 7.7939, 20.9077
YIQ	79.4200, 17.8740, 39.5220

Conversions

Conversions Part 2

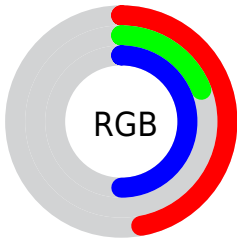
Format	Color
R_{YB}	121, 49, 127
Decimal	7942527
CIE _{Lab}	33.55, 42.81, -29.95
CIE _{LCh}	34, 52.244, 325.018
Yxy	7.7939, 0.3087, 0.1877
Android (android.graphics.Color)	4286132607 (0xFF79317F)
YUV	79.4200, 23.4569, 36.4657
Hunter-Lab	27.9175, 33.0764, -24.8605

Details

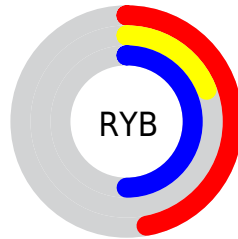
The YUV color **79.4200, 23.4569, 36.4657** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **96.5800, -23.4569, -36.4657**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.5450, 23.8883, 38.1100**, and **29.4090, 23.4624, 34.7213** is the 20% darker color. If you saturate the color by 10%, you get **71.4900, 27.3664, 42.5433**, and if you desaturate by 10%, it is **87.3500, 19.5475, 30.3881**.

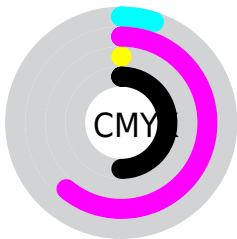
Distribution



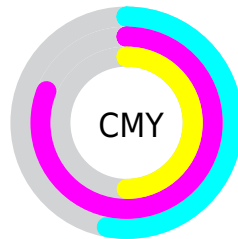
- Red (47%)
- Green (19%)
- Blue (50%)



- Red (47%)
- Yellow (19%)
- Blue (50%)



- Cyan (5%)
- Magenta (61%)
- Yellow (0%)
- Black (50%)



- Cyan (53%)
- Magenta (81%)
- Yellow (50%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 79.4200, 23.4569, 36.4657 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 YUV color 79.4200, 23.4569, 36.4657 by changing the saturation by 10% instead.

79.4200, 23.4569,
36.4657

79.4200, 23.4569,
36.4657

255.0000, 0.0000,
0.0000

52.9470, 24.1831,
36.8805

131.5450, 23.8883,
38.1100

29.4090, 23.4624,
34.7213

158.6700, 24.3197,
39.7544

19.9100, 16.8064,
22.8809

186.0830, 24.6091,
40.2692

8.4320, 11.6190,
6.6371

210.9750, 21.7043,
38.6099

0.4560, 1.7472,
-0.3999

227.4110, 13.6014,
24.1956

0.0000, 0.0000,
0.0000

244.4340, 5.2090,

9.2664

■ 79.4200, 23.4569,
36.4657

■ 79.4200, 23.4569,
36.4657

■ 71.4900, 27.3664,
42.5433

■ 87.3500, 19.5475,
30.3881

■ 64.1470, 30.9865,
48.1061

■ 94.6930, 15.9274,
24.8252

■ 56.2170, 34.8960,
54.1837

■ 102.6230, 12.0179,
18.7476

■ 49.4610, 38.2267,
59.2317

■ 110.5530, 8.1084,
12.6700

■ 118.4830, 4.1989,
6.5924

■ 125.8260, 0.5788,
1.0296

■ 133.7560, -3.3307,
-5.0480

■ 141.6860, -7.2402,
-11.1256

■ 149.0290,
-10.8603, -16.6884

Harmonies

Analogous

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



76.9880, 38.4599, -15.7755



79.4200, 23.4569, 36.4657



71.0080, 8.3771, 66.6450

Triad

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



79.4200, 23.4569, 36.4657



74.5230, -36.7398, 24.0973



69.8210, 21.2872, -61.2330

Complementary

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



79.4200, 23.4569, 36.4657



96.5800, -23.4569, -36.4657

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.



64.3320, 2.7943, -56.4192



79.4200, 23.4569, 36.4657



69.9060, -34.4637, -6.0566

Square

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



79.4200, 23.4569, 36.4657



73.3830, -34.2058, 51.4071



57.6690, -15.1198, -50.5757



71.9360, 37.0066, -63.0879

Rectangle

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



79.4200, 23.4569, 36.4657



69.5990, -4.7323, 71.3887



57.6690, -15.1198, -50.5757



68.2250, 15.1721, -59.8333

Sweetspot

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



79.4200, 23.4569, 36.4657



147.4930, 9.1240, 13.5996



61.4140, 32.3339, -10.8871



73.1350, 5.3564, 8.6516



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.4200, 23.4569, 36.4657



90.8090, 37.0692, 57.1725



77.4520, 8.1582, 43.4536



59.5920, 2.1731, 2.9888



49.8740, 38.5161, 59.7465



0.0000, 0.0000, 0.0000

Inverse Universe

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



73.0060, -8.8770, 47.3527



80.9170, -13.7631, 74.6178



98.5480, -8.1582, -43.4536



59.2070, -0.5951, 4.2035



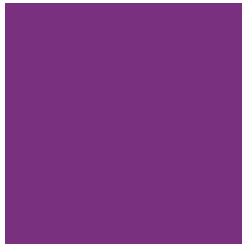
39.4120, -14.5001, 77.6917



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 79.4200, 23.4569, 36.4657 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 ✓ Pass

Black Background



This preview shows how the YUV color 79.4200, 23.4569, 36.4657 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

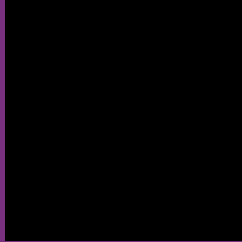
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 79.4200, 23.4569, 36.4657

Background



This preview shows how black text looks on a background with the YUV color 79.4200, 23.4569, 36.4657.



This preview shows how white text looks on a background with the YUV color 79.4200, 23.4569,

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

79.4200, 23.4569, 36.4657

Protanopia

73.5190, 39.6771, -32.9042

Deuteranopia

77.9220, 21.7305, -16.5946



Tritanopia

80.2210, -5.0390, 29.6242

Trichromacy



Original Color

79.4200, 23.4569, 36.4657

Protanomaly

75.7780, 33.6334, -7.6983

Deuteranomaly

78.5700, 22.3970, 3.0081

Tritanomaly

79.9900, 5.4279, 32.4578

Monochromacy



Original Color

79.4200, 23.4569, 36.4657

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

78.9660, 8.3978, 13.1848

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.4200, 23.4569, 36.4657 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(121, 49, 127)` looks like.

```
.text, #text, p{  
    color:rgb(121, 49, 127)  
}
```

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(121, 49, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 49, 127) }
```

Border

The CSS property to change the border of an element to YUV 79.4200, 23.4569, 36.4657 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(121, 49, 127) }
```


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

```
.border{ border-color:rgb(121, 49, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 49, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 49, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 49, 127);  
box-shadow:4px 4px 4px 4px rgb(121, 49,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 79.4200, 23.4569, 36.4657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 49, 127) }
```

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

```
.background{ background-color: rgb(121, 49,  
127) }
```

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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