

Converting Colors

YUV(81.6190, 11.5268, 36.2911)

Have a look what the booklet for
YUV(81.6190, 11.5268, 36.2911)
contains.

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Color

**YUV(81.6190, 11.5268,
36.2911)**

Conversions

Conversions Part 1

Format	Color
Hex	7B3869
RGB	123, 56, 105
RGB Percent	48%, 22%, 41%
CMY	0.5176, 0.7804, 0.5882
CMYK	0.00, 0.54, 0.15, 0.52
HSL	316°, 37%, 35%
HSV	316°, 54%, 48%
XYZ	12.1324, 8.0592, 14.2807
YIQ	81.6190, 24.2030, 29.4430

Conversions

Conversions Part 2

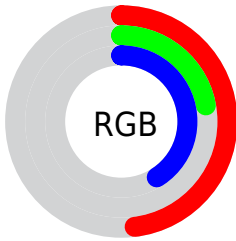
Format	Color
R_{YB}	123, 56, 105
Decimal	8075369
CIE _{Lab}	34.11, 35.78, -15.23
CIE _{LCh}	34, 38.883, 336.947
Yxy	8.0592, 0.3519, 0.2338
Android (android.graphics.Color)	4286265449 (0xFF7B3869)
YUV	81.6190, 11.5268, 36.2911
Hunter-Lab	28.3888, 26.6042, -9.9532

Details

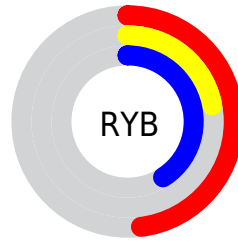
The YUV color **81.6190, 11.5268, 36.2911** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **97.3810, -11.5268, -36.2911**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.9290, 11.3740, 38.6503**, and **30.4880, 13.5634, 36.4060** is the 20% darker color. If you saturate the color by 10%, you get **74.2330, 13.6891, 42.7687**, and if you desaturate by 10%, it is **89.0050, 9.3645, 29.8136**.

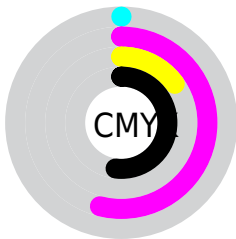
Distribution



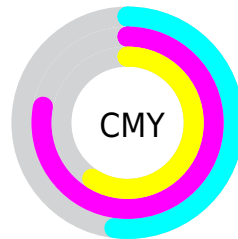
- Red (48%)
- Green (22%)
- Blue (41%)



- Red (48%)
- Yellow (22%)
- Blue (41%)



- Cyan (0%)
- Magenta (54%)
- Yellow (15%)
- Black (52%)



- Cyan (52%)
- Magenta (78%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.6190, 11.5268, 36.2911 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 81.6190, 11.5268, 36.2911 by changing the saturation by 10% instead.

81.6190, 11.5268,
36.2911

81.6190, 11.5268,
36.2911

255.0000, 0.0000,
0.0000

56.4340, 12.1110,
35.5764

132.9290, 11.3740,
38.6503

30.4880, 13.5634,
36.4060

159.6410, 11.5160,
39.7798

18.4560, 8.6492,
25.9101

187.3530, 11.6580,
40.9094

7.1630, 2.8776,
10.3810

212.6730, 12.9792,
37.1208

0.0000, 0.0000,
0.0000

230.9330, 11.8650,
21.1068

247.9560, 3.4727,

6.1776

■ 81.6190, 11.5268,
36.2911

■ 81.6190, 11.5268,
36.2911

■ 74.2330, 13.6891,
42.7687

■ 89.0050, 9.3645,
29.8136

■ 66.1460, 15.7040,
49.8610

■ 97.0920, 7.3496,
22.7213

■ 58.7600, 17.8663,
56.3385

■ 104.4780, 5.1873,
16.2438

■ 51.3740, 20.0286,
62.8160

■ 111.8640, 3.0250,
9.7663

■ 47.0370, 21.1808,
66.6196

■ 119.9510, 1.0102,
2.6740

■ 127.3370, -1.1521,
-3.8035

■ 134.7230, -3.3144,
-10.2811

■ 142.1090, -5.4767,
-16.7586

■ 150.1960, -7.4916,
-23.8509

Harmonies

Analogous

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



82.5320, 23.4017, 7.4264



81.6190, 11.5268, 36.2911



79.0370, -2.4832, 49.9566

Triad

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



81.6190, 11.5268, 36.2911



75.7110, -31.9025, 12.5315



68.5160, 23.9026, -60.0885

Complementary

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



81.6190, 11.5268, 36.2911



97.3810, -11.5268, -36.2911

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.



65.6830, 10.5093, -57.6040



81.6190, 11.5268, 36.2911



72.3640, -22.3645, -13.4742

Square

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



81.6190, 11.5268, 36.2911



77.8690, -28.0364, 32.5639



60.8610, -2.8895, -53.3751



68.4480, 33.7961, -60.0289

Rectangle

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



81.6190, 11.5268, 36.2911



78.2190, -11.9400, 49.7969



60.8610, -2.8895, -53.3751



67.9630, 19.2452, -59.6036

Sweetspot

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



81.6190, 11.5268, 36.2911



144.9400, 4.4666, 14.0846



69.0200, 26.6121, 4.3675



72.0380, 2.4463, 8.7367



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



81.6190, 11.5268, 36.2911



96.1730, 18.1557, 56.8533



77.8570, -2.8875, 39.5904



57.3640, 1.2995, 3.1888



47.7490, 21.3227, 67.7491



96.4380, 43.6611, 136.4279

Inverse Universe

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



81.6190, 11.5268, 36.2911



96.1730, 18.1557, 56.8533



101.1430, 2.8875, -39.5904



57.3640, 1.2995, 3.1888



47.7490, 21.3227, 67.7491



96.4380, 43.6611, 136.4279

Previews

White Background



This preview shows how the YUV color 81.6190, 11.5268, 36.2911 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



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

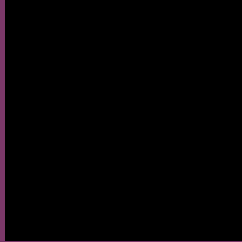
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 81.6190, 11.5268, 36.2911

Background



This preview shows how black text looks on a background with the YUV color 81.6190, 11.5268, 36.2911.



This preview shows how white text looks on a background with the YUV color 81.6190, 11.5268,

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

81.6190, 11.5268, 36.2911

Protanopia

80.1290, 21.1354, -12.3911

Deuteranopia

81.2090, 9.7570, -2.8143



Tritanopia

81.0150, -5.9234, 33.3128

Trichromacy



Original Color

81.6190, 11.5268, 36.2911

Protanomaly

80.9140, 17.2974, 5.3374

Deuteranomaly

81.4110, 10.1504, 11.0406

Tritanomaly

81.0350, 0.4757, 34.1723

Monochromacy



Original Color

81.6190, 11.5268, 36.2911

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

82.1140, 3.8878, 13.0550

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.6190, 11.5268, 36.2911 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(123, 56, 105)` looks like.

```
.text, #text, p{  
    color:rgb(123, 56, 105)  
}
```

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(123, 56, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 56, 105) }
```

Border

The CSS property to change the border of an element to YUV 81.6190, 11.5268, 36.2911 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(123, 56, 105) }
```


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

```
.border{ border-color:rgb(123, 56, 105) }
```

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

Here you see how a box with a 4 pixel rgb(123, 56, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 56, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 56, 105);  
box-shadow:4px 4px 4px 4px rgb(123, 56,  
105) }
```

Background

The CSS property to change the background color of an element to YUV 81.6190, 11.5268, 36.2911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 56, 105) }
```

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

```
.background{ background-color: rgb(123, 56,  
105) }
```

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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