

Converting Colors

YUV(73.1910, 20.6118, 15.6185)

Have a look what the booklet for
YUV(73.1910, 20.6118, 15.6185)
contains.

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Color

**YUV(73.1910, 20.6118,
15.6185)**

Conversions

Conversions Part 1

Format	Color
Hex	5B3873
RGB	91, 56, 115
RGB Percent	36%, 22%, 45%
CMY	0.6431, 0.7804, 0.5490
CMYK	0.21, 0.51, 0.00, 0.55
HSL	276°, 35%, 34%
HSV	276°, 51%, 45%
XYZ	8.8231, 6.2903, 16.9688
YIQ	73.1910, 1.9210, 25.7690

Conversions

Conversions Part 2

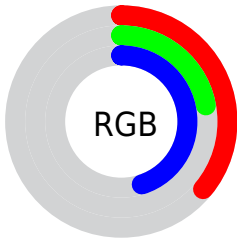
Format	Color
R_{YB}	91, 56, 115
Decimal	5978227
CIE _{Lab}	30.13, 27.54, -28.09
CIE _{LCh}	30, 39.339, 314.438
Yxy	6.2903, 0.2750, 0.1961
Android (android.graphics.Color)	4284168307 (0xFF5B3873)
YUV	73.1910, 20.6118, 15.6185
Hunter-Lab	25.0805, 18.9038, -22.5577

Details

The YUV color **73.1910, 20.6118, 15.6185** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **97.8090, -20.6118, -15.6185**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.8430, 21.7694, 17.6777**, and **26.8380, 19.3069, 14.1741** is the 20% darker color. If you saturate the color by 10%, you get **65.2390, 24.5322, 18.2074**, and if you desaturate by 10%, it is **81.7300, 16.4021, 12.5148**.

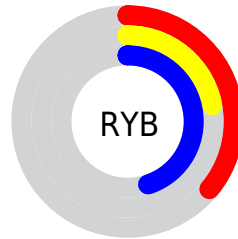
Distribution



 Red (36%)

 Green (22%)

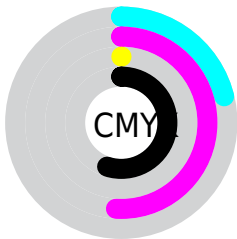
 Blue (45%)




 Red (36%)

 Yellow (22%)

 Blue (45%)

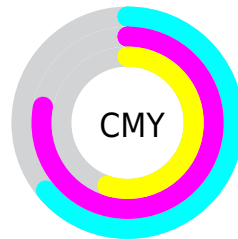


 Cyan (21%)

 Magenta (51%)

 Yellow (0%)

 Black (55%)



 Cyan (64%)

 Magenta (78%)

 Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.1910, 20.6118, 15.6185 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 73.1910, 20.6118, 15.6185 by changing the saturation by 10% instead.

■ 73.1910, 20.6118,
15.6185

■ 73.1910, 20.6118,
15.6185

■ 255.0000, 0.0000,
0.0000

■ 49.3650, 20.0331,
14.5889

■ 122.8430, 21.7694,
17.6777

■ 26.8380, 19.3069,
14.1741

■ 149.3700, 22.4956,
18.0925

■ 12.7900, 15.3865,
11.5852

■ 175.8970, 23.2218,
18.5073

■ 3.0950, 9.3202,
-2.7143

■ 203.6090, 23.3638,
19.6369

■ 0.0000, 0.0000,
0.0000

■ 229.1720, 12.7332,
22.6512

■ 245.6080, 4.6303,

■ 73.1910, 20.6118,
15.6185

■ 73.1910, 20.6118,
15.6185

■ 65.2390, 24.5322,
18.2074

■ 81.7300, 16.4021,
12.5148

■ 56.9990, 28.5945,
21.9259

■ 89.3830, 12.6292,
9.3111

■ 48.4600, 32.8042,
25.0296

■ 97.3350, 8.7088,
6.7222

■ 40.5080, 36.7246,
27.6185

■ 105.8740, 4.4991,
3.6185

■ 33.4420, 40.2081,
30.3074

■ 114.1140, 0.4368,
-0.1000

■ 122.0660, -3.4835,
-2.6889

■ 130.6050, -7.6933,
-5.7926

■ 138.2580,
-11.4662, -8.9963

■ 146.7970,
-15.6759, -12.1000

Harmonies

Analogous

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



65.9020, 32.0933, -27.1011



73.1910, 20.6118, 15.6185



70.5550, 8.6004, 41.6093

Triad

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



73.1910, 20.6118, 15.6185



67.7390, -30.9303, 27.4159



59.5850, 12.5296, -52.2560

Complementary

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



73.1910, 20.6118, 15.6185



97.8090, -20.6118, -15.6185

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.



55.3500, -1.1586, -48.5419



73.1910, 20.6118, 15.6185



65.0800, -31.5914, 6.0688

Square

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



73.1910, 20.6118, 15.6185



68.5250, -19.4858, 43.3896



61.0470, -18.2642, -21.9662



62.1900, 25.0493, -54.5406

Rectangle

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



73.1910, 20.6118, 15.6185



68.6070, -0.2993, 49.4567



61.0470, -18.2642, -21.9662



58.4450, 8.1616, -51.2563

Sweetspot

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



73.1910, 20.6118, 15.6185



134.3950, 7.6933, 5.7926



77.4010, 18.5363, -18.7687



66.9880, 4.9359, 3.5185



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



73.1910, 20.6118, 15.6185



84.3460, 32.3674, 25.1296



79.7970, 14.8901, 30.8730



54.5810, 2.1786, 1.2445



35.7350, 42.5286, 32.6814



72.7520, 87.3833, 65.9925

Inverse Universe

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



76.3770, 1.7861, 33.8724



89.1390, 2.8895, 53.3751



91.2030, -14.8901, -30.8730



55.0220, -0.0108, 3.4887



42.1780, 3.8562, 70.0039



86.3780, 7.7016, 143.4965

Previews

White Background



This preview shows how the YUV color 73.1910, 20.6118, 15.6185 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 73.1910, 20.6118, 15.6185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

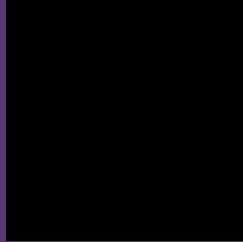
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 73.1910, 20.6118, 15.6185

Background



This preview shows how black text looks on a background with the YUV color 73.1910, 20.6118, 15.6185.



This preview shows how white text looks on a background with the YUV color 73.1910, 20.6118,

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

73.1910, 20.6118, 15.6185

Protanopia

68.2510, 29.4563, -21.2681

Deuteranopia

69.0960, 21.1517, -17.6242



Tritanopia

72.6530, -0.3219, 9.9513

Trichromacy



Original Color

73.1910, 20.6118, 15.6185

Protanomaly

69.8290, 26.2133, -7.7430

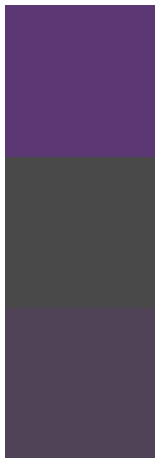
Deuteranomaly

70.7600, 20.8243, -5.9285

Tritanomaly

73.0260, 7.3822, 12.2552

Monochromacy



Original Color

73.1910, 20.6118, 15.6185

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

73.2810, 7.2565, 5.8926

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.1910, 20.6118, 15.6185 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(91, 56, 115)` looks like.

```
.text, #text, p{  
    color:rgb(91, 56, 115)  
}
```

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(91, 56, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 56, 115) }
```

Border

The CSS property to change the border of an element to YUV 73.1910, 20.6118, 15.6185 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(91, 56, 115) }
```


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

```
.border{ border-color:rgb(91, 56, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 56, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 56, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 56, 115);  
box-shadow:4px 4px 4px 4px rgb(91, 56,  
115) }
```

Background

The CSS property to change the background color of an element to YUV 73.1910, 20.6118, 15.6185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 56, 115) }
```

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

```
.background{ background-color: rgb(91, 56,  
115) }
```

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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