

Converting Colors

YUV(71.6680, 23.8277, 10.8152)

Have a look what the booklet for
YUV(71.6680, 23.8277, 10.8152)
contains.

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Color

**YUV(71.6680, 23.8277,
10.8152)**

Conversions

Conversions Part 1

Format	Color
Hex	543878
RGB	84, 56, 120
RGB Percent	33%, 22%, 47%
CMY	0.6706, 0.7804, 0.5294
CMYK	0.30, 0.53, 0.00, 0.53
HSL	266°, 36%, 35%
HSV	266°, 53%, 47%
XYZ	8.4605, 6.0692, 18.4949
YIQ	71.6680, -3.8560, 25.8400

Conversions

Conversions Part 2

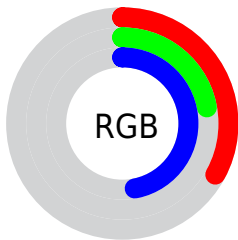
Format	Color
R_{YB}	84, 56, 120
Decimal	5519480
CIE _{Lab}	29.59, 26.76, -32.17
CIE _{LCh}	30, 41.839, 309.754
Yxy	6.0692, 0.2562, 0.1838
Android (android.graphics.Color)	4283709560 (0xFF543878)
YUV	71.6680, 23.8277, 10.8152
Hunter-Lab	24.6358, 18.1883, -27.2658

Details

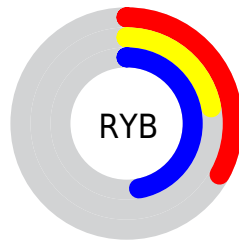
The YUV color **71.6680, 23.8277, 10.8152** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **104.3320, -23.8277, -10.8152**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.4340, 25.4220, 12.7744**, and **25.6030, 22.3807, 8.2412** is the 20% darker color. If you saturate the color by 10%, you get **62.5310, 28.3322, 12.6893**, and if you desaturate by 10%, it is **80.8050, 19.3231, 8.9410**.

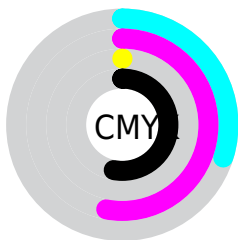
Distribution



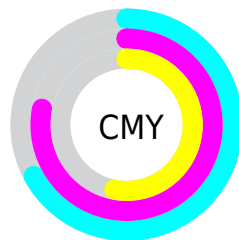
- Red (33%)
- Green (22%)
- Blue (47%)



- Red (33%)
- Yellow (22%)
- Blue (47%)



- Cyan (30%)
- Magenta (53%)
- Yellow (0%)
- Black (53%)



- Cyan (67%)
- Magenta (78%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.6680, 23.8277, 10.8152 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 71.6680, 23.8277, 10.8152 by changing the saturation by 10% instead.

■ 71.6680, 23.8277,
10.8152

■ 71.6680, 23.8277,
10.8152

■ 255.0000, 0.0000,
0.0000

■ 48.4290, 22.9595,
9.2708

■ 121.4340, 25.4220,
12.7744

■ 25.6030, 22.3807,
8.2412

■ 146.9610, 26.1482,
13.1892

■ 10.5550, 18.4604,
5.6523

■ 173.7870, 26.7270,
14.2188

■ 3.5510, 11.0674,
-3.1142

■ 201.0860, 26.5796,
14.8336

■ 0.0000, 0.0000,
0.0000

■ 226.1930, 14.2019,
18.2477

■ 245.6080, 4.6303,

■ 71.6680, 23.8277,
10.8152

■ 71.6680, 23.8277,
10.8152

■ 62.5310, 28.3322,
12.6893

■ 80.8050, 19.3231,
8.9410

■ 53.3940, 32.8368,
14.5635

■ 89.9420, 14.8186,
7.0669

■ 44.5560, 37.1939,
17.0524

■ 98.7800, 10.4615,
4.5779

■ 35.4190, 41.6984,
18.9265

■ 107.9170, 5.9569,
2.7038

■ 29.2280, 44.7506,
19.9710

■ 117.0540, 1.4524,
0.8296

■ 126.1910, -3.0522,
-1.0445

■ 135.0290, -7.4093,
-3.5334

■ 144.1660,
-11.9138, -5.4076

■ 153.3030,
-16.4184, -7.2817

Harmonies

Analogous

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



56.3660, 38.2736, -49.4330



71.6680, 23.8277, 10.8152



69.3530, 11.6580, 40.9094

Triad

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



71.6680, 23.8277, 10.8152



65.8320, -31.9622, 31.7193



59.0150, 10.3456, -51.7562

Complementary

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



71.6680, 23.8277, 10.8152



104.3320, -23.8277, -10.8152

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.



53.9650, -3.9267, -47.3273



71.6680, 23.8277, 10.8152



64.6890, -31.8917, 9.0427

Square

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



71.6680, 23.8277, 10.8152



66.0140, -17.7549, 48.2227



59.5160, -22.9324, -17.9925



61.9620, 24.1757, -54.3407

Rectangle

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



71.6680, 23.8277, 10.8152



66.3130, 2.3107, 52.3455



59.5160, -22.9324, -17.9925



57.0600, 5.3934, -50.0416

Sweetspot

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



71.6680, 23.8277, 10.8152



137.1390, 9.2985, 4.2631



84.4280, 17.5370, -24.9314



67.8030, 5.5201, 2.8038



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



71.6680, 23.8277, 10.8152



80.5560, 37.1939, 17.0524



81.2360, 19.1107, 30.4880



56.5810, 2.1786, 1.2445



30.6950, 46.4924, 21.3155



61.6180, 93.8583, 42.4310

Inverse Universe

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



79.2400, 6.2907, 35.7465



92.2840, 9.7200, 55.8789



94.7640, -19.1107, -30.4880



57.2500, 0.8628, 3.2887



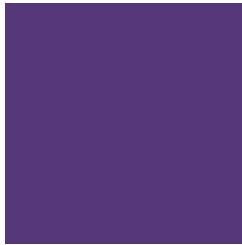
45.3550, 12.1500, 69.8487



91.5360, 24.8788, 140.7269

Previews

White Background



This preview shows how the YUV color 71.6680, 23.8277, 10.8152 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 71.6680, 23.8277, 10.8152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

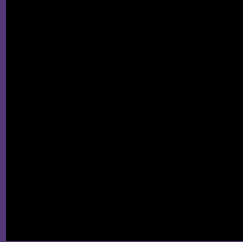
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.6680, 23.8277, 10.8152

Background



This preview shows how black text looks on a background with the YUV color 71.6680, 23.8277, 10.8152.



This preview shows how white text looks on a background with the YUV color 71.6680, 23.8277,

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

71.6680, 23.8277, 10.8152

Protanopia

65.4290, 32.8195, -26.6862

Deuteranopia

66.3770, 24.9571, -24.8866



Tritanopia

70.6630, 1.1521, 3.8035

Trichromacy



Original Color

71.6680, 23.8277, 10.8152

Protanomaly

68.0070, 29.5765, -13.1611

Deuteranomaly

68.6390, 24.3350, -11.9614

Tritanomaly

71.1500, 9.2930, 6.0074

Monochromacy



Original Color

71.6680, 23.8277, 10.8152

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

71.6120, 8.5723, 3.8483

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.6680, 23.8277, 10.8152 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(84, 56, 120)` looks like.

```
.text, #text, p{  
    color:rgb(84, 56, 120)  
}
```

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(84, 56, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 56, 120) }
```

Border

The CSS property to change the border of an element to YUV 71.6680, 23.8277, 10.8152 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(84, 56, 120) }
```


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

```
.border{ border-color:rgb(84, 56, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 56, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 56, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 56, 120);  
box-shadow:4px 4px 4px 4px rgb(84, 56,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 71.6680, 23.8277, 10.8152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 56, 120) }
```

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

```
.background{ background-color: rgb(84, 56,  
120) }
```

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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