

Converting Colors

YUV(77.3410, -6.5771,
103.1869)

Have a look what the booklet for
YUV(77.3410, -6.5771, 103.1869)
contains.

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Color

**YUV(77.3410, -6.5771,
103.1869)**

Conversions

Conversions Part 1

Format	Color
Hex	C31440
RGB	195, 20, 64
RGB Percent	76%, 8%, 25%
CMY	0.2353, 0.9216, 0.7490
CMYK	0.00, 0.90, 0.67, 0.24
HSL	345°, 81%, 42%
HSV	345°, 90%, 76%
XYZ	23.6812, 12.4726, 6.0098
YIQ	77.3410, 90.1760, 50.7840

Conversions

Conversions Part 2

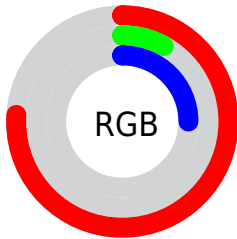
Format	Color
RYB	195, 20, 64
Decimal	12784704
CIELab	41.96, 64.81, 23.78
CIElCh	42, 69.032, 20.148
Yxy	12.4726, 0.5617, 0.2958
Android (android.graphics.Color)	4290974784 (0xFFC31440)
YUV	77.3410, -6.5771, 103.1869
Hunter-Lab	35.3165, 57.8879, 14.6322

Details

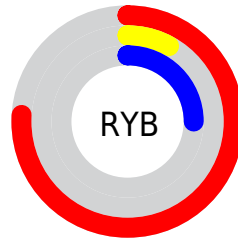
The YUV color **77.3410, -6.5771, 103.1869** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **137.6590, 6.5771, -103.1869**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.7290, -15.1494, 99.3387**, and **42.3890, -9.5588, 79.4658** is the 20% darker color. If you saturate the color by 10%, you get **63.8910, -7.3413, 114.9826**, and if you desaturate by 10%, it is **90.2040, -5.5236, 91.9061**.

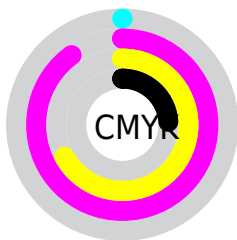
Distribution



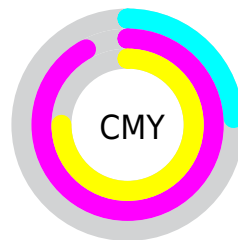
- Red (76%)
- Green (8%)
- Blue (25%)



- Red (76%)
- Yellow (8%)
- Blue (25%)



- Cyan (0%)
- Magenta (90%)
- Yellow (67%)
- Black (24%)



- Cyan (24%)
- Magenta (92%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.3410, -6.5771, 103.1869 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 77.3410, -6.5771, 103.1869 by changing the saturation by 10% instead.

■ 77.3410, -6.5771,
103.1869

■ 77.3410, -6.5771,
103.1869

255.0000, 0.0000,
0.0000

■ 53.8240, -5.8292,
96.6244

■ 141.7290,
-15.1494, 99.3387

■ 42.3890, -9.5588,
79.4658

■ 161.7160,
-12.1850, 81.8101

■ 30.7970, -15.1829,
63.3220

■ 181.7030, -9.2206,
64.2815

■ 22.1690, -9.4503,
44.5788

■ 201.8040, -5.8194,
46.6529

■ 12.9710, -5.9017,
26.3354

■ 222.0190, -1.9814,
28.9243

■ 0.0000, 0.0000,
0.0000

■ 242.8210, 1.5672,

10.6810

■ 77.3410, -6.5771,
103.1869

■ 77.3410, -6.5771,
103.1869

■ 63.8910, -7.3413,
114.9826

■ 90.2040, -5.5236,
91.9061

■ 103.5400, -5.1962,
80.2104

■ 116.4030, -4.1427,
68.9296

■ 129.7390, -3.8153,
57.2339

■ 142.6020, -2.7618,
45.9530

■ 156.0520, -1.9976,
34.1574

■ 168.8010, -1.3809,
22.9765

■ 182.2510, -0.6167,
11.1809

■ 195.0000, 0.0000,
0.0000

Harmonies

Analogous

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



79.2840, 20.0730, 95.3439



77.3410, -6.5771, 103.1869



88.2460, -43.0123, 76.0833

Triad

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



77.3410, -6.5771, 103.1869



69.7050, -29.9276, -61.1313



89.9120, 60.1894, -78.8528

Complementary

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



77.3410, -6.5771, 103.1869



137.6590, 6.5771, -103.1869

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.



92.2310, 46.2281, -80.8866



77.3410, -6.5771, 103.1869



80.5060, -1.2355, -70.6038

Square

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



77.3410, -6.5771, 103.1869



88.8110, -43.7838, -3.3422



87.8190, 24.2462, -77.0173



85.6640, 59.8186, -53.2023

Rectangle

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



77.3410, -6.5771, 103.1869



93.2830, -45.9885, 50.6178



87.8190, 24.2462, -77.0173



91.6900, 56.8478, -80.4121

Sweetspot

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



77.3410, -6.5771, 103.1869



206.2700, -2.5981, 40.1052



78.2220, 57.5716, 61.1953



100.3990, -1.6757, 24.2061



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



77.3410, -6.5771, 103.1869



82.5300, -9.6283, 148.6252



96.3920, -37.6613, 86.4792



90.3320, -0.1637, 5.8478



52.6990, -6.2606, 94.9800



10.7790, -1.3700, 19.4878

Inverse Universe

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



77.3410, -6.5771, 103.1869



82.5300, -9.6283, 148.6252



118.6080, 37.6613, -86.4792



90.3320, -0.1637, 5.8478



52.6990, -6.2606, 94.9800



10.7790, -1.3700, 19.4878

Previews

White Background



This preview shows how the YUV color 77.3410, -6.5771, 103.1869 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 × Fail

Black Background



This preview shows how the YUV color 77.3410, -6.5771, 103.1869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

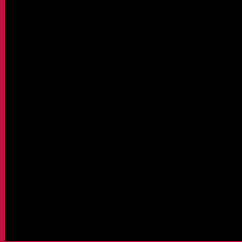
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.3410, -6.5771, 103.1869

Background



This preview shows how black text looks on a background with the YUV color 77.3410, -6.5771, 103.1869.



This preview shows how white text looks on a background with the YUV color 77.3410, -6.5771,

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

77.3410, -6.5771, 103.1869

Protanopia

100.3980, -3.6472, 3.1590

Deuteranopia

99.3990, -21.8887, 20.6981



Tritanopia

79.5090, -24.9009, 100.4086

Trichromacy



Original Color

77.3410, -6.5771, 103.1869

Protanomaly

91.9880, -4.9241, 39.4755

Deuteranomaly

91.0790, -16.3079, 50.7967

Tritanomaly

78.6430, -18.0650, 101.1681

Monochromacy



Original Color

77.3410, -6.5771, 103.1869

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

76.9600, -2.4453, 37.7461

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.3410, -6.5771, 103.1869 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, 20, 64)` looks like.

```
.text, #text, p{  
    color:rgb(195, 20, 64)  
}
```

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, 20, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 20, 64) }
```

Border

The CSS property to change the border of an element to YUV 77.3410, -6.5771, 103.1869 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, 20, 64) }
```


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

```
.border{ border-color:rgb(195, 20, 64) }
```

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

Here you see how a box with a 4 pixel rgb(195, 20, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 20, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 20, 64);  
box-shadow:4px 4px 4px 4px rgb(195, 20,  
64) }
```

Background

The CSS property to change the background color of an element to YUV 77.3410, -6.5771, 103.1869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 20, 64) }
```

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

```
.background{ background-color: rgb(195, 20,  
64) }
```

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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