

Converting Colors

YUV(66.2080, 8.2785, 51.5606)

Have a look what the booklet for
YUV(66.2080, 8.2785, 51.5606)
contains.

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Color

**YUV(66.2080, 8.2785,
51.5606)**

Conversions

Conversions Part 1

Format	Color
Hex	7D2153
RGB	125, 33, 83
RGB Percent	49%, 13%, 33%
CMY	0.5098, 0.8706, 0.6745
CMYK	0.00, 0.74, 0.34, 0.51
HSL	327°, 58%, 31%
HSV	327°, 74%, 49%
XYZ	10.5626, 6.0722, 8.7990
YIQ	66.2080, 38.7820, 35.0540

Conversions

Conversions Part 2

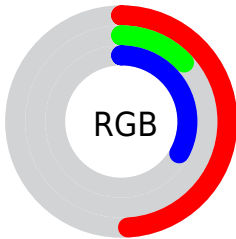
Format	Color
R_{YB}	125, 33, 83
Decimal	8200531
CIE Lab	29.59, 43.86, -7.86
CIE LCh	30, 44.562, 349.844
Yxy	6.0722, 0.4153, 0.2387
Android (android.graphics.Color)	4286390611 (0xFF7D2153)
YUV	66.2080, 8.2785, 51.5606
Hunter-Lab	24.6419, 33.3900, -3.9216

Details

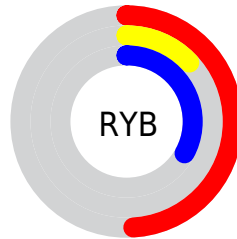
The YUV color **66.2080, 8.2785, 51.5606** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **91.7920, -8.2785, -51.5606**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.6490, 6.0890, 53.8048**, and **25.8600, 5.9850, 40.4648** is the 20% darker color. If you saturate the color by 10%, you get **58.4800, 9.1304, 58.3380**, and if you desaturate by 10%, it is **74.5230, 7.1372, 44.2683**.

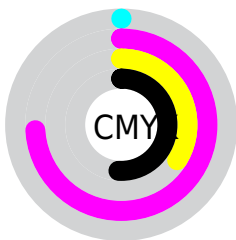
Distribution



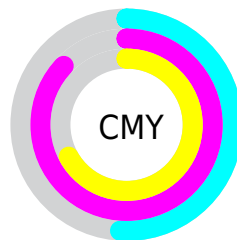
- Red (49%)
- Green (13%)
- Blue (33%)



- Red (49%)
- Yellow (13%)
- Blue (33%)



- Cyan (0%)
- Magenta (74%)
- Yellow (34%)
- Black (51%)



- Cyan (51%)
- Magenta (87%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.2080, 8.2785, 51.5606 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 66.2080, 8.2785, 51.5606 by changing the saturation by 10% instead.

66.2080, 8.2785,
51.5606

66.2080, 8.2785,
51.5606

255.0000, 0.0000,
0.0000

36.1420, 11.7620,
54.2495

119.6490, 6.0890,
53.8048

25.8600, 5.9850,
40.4648

146.3610, 6.2310,
54.9344

16.7030, 0.6394,
28.3245

174.1440, 5.3520,
56.8787

0.0000, 0.0000,
0.0000

197.9690, 7.4103,
50.0162

217.7110, 11.9745,
32.7025

235.6290, 9.5499,

16.9884

252.6520, 1.1576,
2.0592

66.2080, 8.2785,
51.5606

66.2080, 8.2785,
51.5606

58.4800, 9.1304,
58.3380

74.5230, 7.1372,
44.2683

50.2790, 10.7085,
65.5303

82.1370, 5.8485,
37.5909

45.1270, 11.2764,
70.0486

90.4520, 4.7072,
30.2986

98.1800, 3.8553,
23.5211

106.4950, 2.7140,
16.2289

■ 114.1090, 1.4253,
9.5514

■ 122.4240, 0.2840,
2.2592

■ 130.1520, -0.5679,
-4.5183

■ 138.3530, -2.1460,
-11.7106

Harmonies

Analogous

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



71.4740, 21.4583, 24.1403



66.2080, 8.2785, 51.5606



63.8270, -7.3097, 58.0337

Triad

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



66.2080, 8.2785, 51.5606



63.1610, -31.1384, 0.7358



62.6290, 29.2699, -54.9256

Complementary

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



66.2080, 8.2785, 51.5606



91.7920, -8.2785, -51.5606

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.



60.3830, 15.5872, -52.9559



66.2080, 8.2785, 51.5606



53.8280, -16.1842, -35.8062

Square

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



66.2080, 8.2785, 51.5606



65.9730, -32.5247, 25.4567



55.6920, 0.1518, -48.8419



60.9310, 37.9950, -53.4365

Rectangle

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



66.2080, 8.2785, 51.5606



65.3950, -18.9287, 51.3966



55.6920, 0.1518, -48.8419



62.1900, 25.0493, -54.5406

Sweetspot

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



66.2080, 8.2785, 51.5606



140.0440, 3.4293, 20.1324



55.7470, 34.1417, 16.0079



67.9460, 1.9986, 12.3254



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.



66.2080, 8.2785, 51.5606



71.6490, 12.9910, 80.1148



61.0780, -11.3775, 56.0596



59.5490, 0.7153, 3.9035



46.1380, 11.2710, 71.7930



0.0000, 0.0000, 0.0000

Inverse Universe

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



66.2080, 8.2785, 51.5606



71.6490, 12.9910, 80.1148



96.9220, 11.3775, -56.0596



59.5490, 0.7153, 3.9035



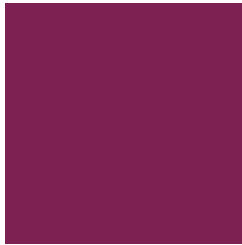
46.1380, 11.2710, 71.7930



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 66.2080, 8.2785, 51.5606 looks on a white background.

Color Contrast Check

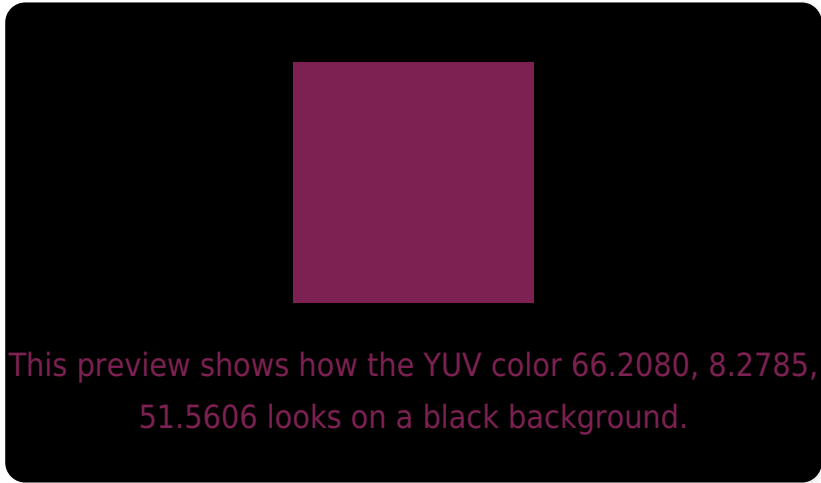
Large Text (above 18pt) WCAG AA ✓ Pass

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

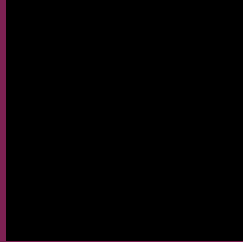
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 66.2080, 8.2785, 51.5606

Background



This preview shows how black text looks on a background with the YUV color 66.2080, 8.2785, 51.5606.



This preview shows how white text looks on a background with the YUV color 66.2080, 8.2785,

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

66.2080, 8.2785, 51.5606

Protanopia

70.4450, 18.5146, -11.7913

Deuteranopia

71.8200, 3.0467, 2.7889



Tritanopia

66.9630, -10.3348, 48.2674

Trichromacy



Original Color

66.2080, 8.2785, 51.5606

Protanomaly

69.2630, 14.6603, 11.1703

Deuteranomaly

69.7990, 5.0291, 20.3473

Tritanomaly

66.3960, -3.6462, 49.6417

Monochromacy



Original Color

66.2080, 8.2785, 51.5606

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

65.9190, 2.9979, 18.4880

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.2080, 8.2785, 51.5606 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(125, 33, 83)` looks like.

```
.text, #text, p{  
    color:rgb(125, 33, 83)  
}
```

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(125, 33, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 33, 83) }
```

Border

The CSS property to change the border of an element to YUV 66.2080, 8.2785, 51.5606 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(125, 33, 83) }
```


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

```
.border{ border-color:rgb(125, 33, 83) }
```

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

Here you see how a box with a 4 pixel rgb(125, 33, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 33, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 33, 83);  
box-shadow:4px 4px 4px 4px rgb(125, 33,  
83) }
```

Background

The CSS property to change the background color of an element to YUV 66.2080, 8.2785, 51.5606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 33, 83) }
```

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

```
.background{ background-color: rgb(125, 33,  
83) }
```

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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