

Converting Colors

YUV(66.9980, 13.3120, 23.6808)

Have a look what the booklet for
YUV(66.9980, 13.3120, 23.6808)
contains.

YUV(66.9980, 13.3120, 23.6808)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(66.9980, 13.3120,
23.6808)**

Conversions

Conversions Part 1

Format	Color
Hex	5E305E
RGB	94, 48, 94
RGB Percent	37%, 19%, 37%
CMY	0.6314, 0.8118, 0.6314
CMYK	0.00, 0.49, 0.00, 0.63
HSL	300°, 32%, 28%
HSV	300°, 49%, 37%
XYZ	7.6934, 5.3017, 11.2075
YIQ	66.9980, 12.6500, 24.0580

Conversions

Conversions Part 2

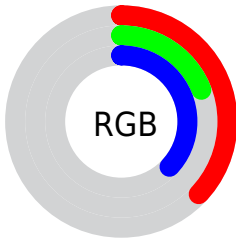
Format	Color
R_{YB}	94, 48, 94
Decimal	6172766
CIE _{Lab}	27.58, 28.45, -18.60
CIE _{LCh}	28, 33.990, 326.831
Yxy	5.3017, 0.3179, 0.2191
Android (android.graphics.Color)	4284362846 (0xFF5E305E)
YUV	66.9980, 13.3120, 23.6808
Hunter-Lab	23.0255, 19.3469, -12.7412

Details

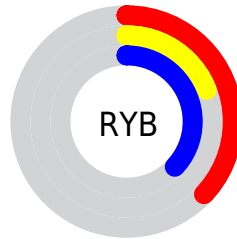
The YUV color **66.9980, 13.3120, 23.6808** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **75.0020, -13.3120, -23.6808**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.5360, 14.0328, 25.8399**, and **20.4000, 13.6068, 22.4512** is the 20% darker color. If you saturate the color by 10%, you get **61.7150, 15.9165, 28.3139**, and if you desaturate by 10%, it is **72.2810, 10.7075, 19.0476**.

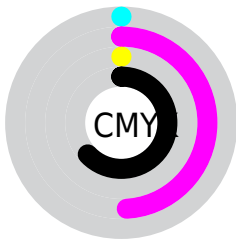
Distribution



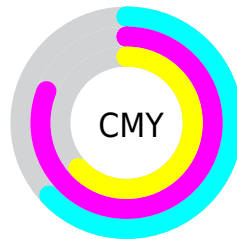
- Red (37%)
- Green (19%)
- Blue (37%)



- Red (37%)
- Yellow (19%)
- Blue (37%)



- Cyan (0%)
- Magenta (49%)
- Yellow (0%)
- Black (63%)



- Cyan (63%)
- Magenta (81%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.9980, 13.3120, 23.6808 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 66.9980, 13.3120, 23.6808 by changing the saturation by 10% instead.

66.9980, 13.3120,
23.6808

66.9980, 13.3120,
23.6808

255.0000, 0.0000,
0.0000

43.2860, 13.1700,
22.5512

116.5360, 14.0328,
25.8399

20.4000, 13.6068,
22.4512

142.2480, 14.1747,
26.9695

10.2540, 8.2558,
12.0552

168.7750, 14.9009,
27.3843

0.0000, 0.0000,
0.0000

196.4870, 15.0429,
28.5139

223.8890, 15.3377,
27.2843

240.3250, 7.2348,

12.8700

■ 66.9980, 13.3120,
23.6808

■ 66.9980, 13.3120,
23.6808

■ 61.7150, 15.9165,
28.3139

■ 72.2810, 10.7075,
19.0476

■ 55.8450, 18.8104,
33.4619

■ 78.1510, 7.8136,
13.8996

■ 50.5620, 21.4149,
38.0951

■ 83.4340, 5.2090,
9.2664

■ 44.6920, 24.3088,
43.2431

■ 89.3040, 2.3151,
4.1184

■ 39.4090, 26.9134,
47.8763

■ 94.5870, -0.2894,
-0.5148

■ 38.8220, 27.2028,
48.3911

■ 99.8700, -2.8939,
-5.1480

■ 105.7400, -5.7878,
-10.2960

■ 111.0230, -8.3923,
-14.9292

■ 116.8930,
-11.2862, -20.0772

Harmonies

Analogous

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



65.3410, 23.0029, -4.6841



66.9980, 13.3120, 23.6808



64.2360, 2.3487, 40.1350

Triad

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



66.9980, 13.3120, 23.6808



61.9980, -27.1140, 16.6648



55.2310, 16.1551, -48.4376

Complementary

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



66.9980, 13.3120, 23.6808



75.0020, -13.3120, -23.6808

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.



52.1530, 4.3616, -45.7382



66.9980, 13.3120, 23.6808



59.7180, -22.5390, -4.1377

Square

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



66.9980, 13.3120, 23.6808



63.4050, -20.9057, 32.0938



53.3970, -9.0697, -31.0432



56.3370, 25.4699, -49.4075

Rectangle

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



66.9980, 13.3120, 23.6808



63.4830, -5.6611, 42.5494



53.3970, -9.0697, -31.0432



54.7920, 11.9345, -48.0526

Sweetspot

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



66.9980, 13.3120, 23.6808



111.4340, 5.2090, 9.2664



53.2440, 20.0927, -4.5990



54.5430, 3.1833, 5.6628



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



66.9980, 13.3120, 23.6808



79.7360, 20.8362, 37.0655



64.3760, 3.2656, 25.9802



43.0650, 1.4470, 2.5740



45.4300, 31.8330, 56.6279



97.8810, 68.5857, 122.0074

Inverse Universe

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



66.9980, 13.3120, 23.6808



79.7360, 20.8362, 37.0655



77.6240, -3.2656, -25.9802



43.0650, 1.4470, 2.5740



45.4300, 31.8330, 56.6279



97.8810, 68.5857, 122.0074

Previews

White Background



This preview shows how the YUV color 66.9980, 13.3120, 23.6808 looks on a white background.

Color Contrast Check

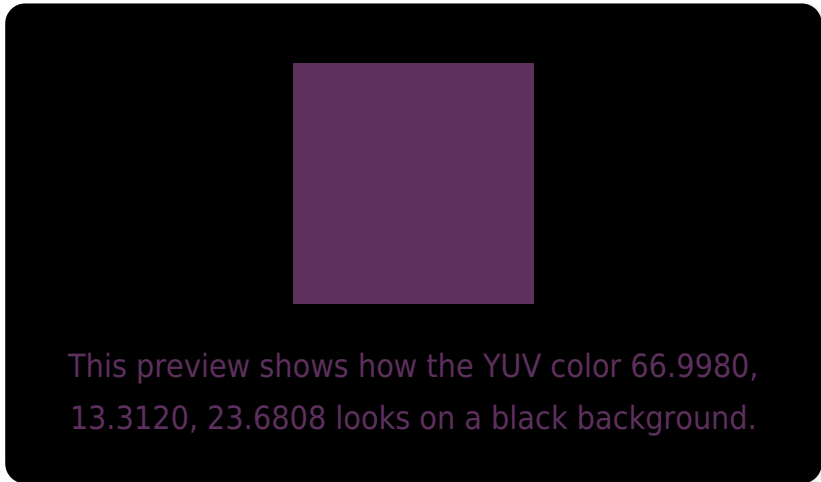
Large Text (above 18pt) WCAG AA ✓ Pass

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

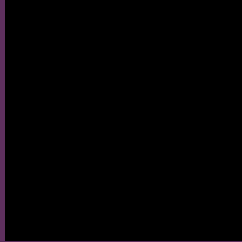
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 66.9980, 13.3120, 23.6808

Background



This preview shows how black text looks on a background with the YUV color 66.9980, 13.3120, 23.6808.



This preview shows how white text looks on a background with the YUV color 66.9980, 13.3120,

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

66.9980, 13.3120, 23.6808

Protanopia

64.2320, 21.5776, -14.2355

Deuteranopia

65.5720, 12.5360, -7.5176



Tritanopia

66.6220, -3.2646, 20.5025

Trichromacy



Original Color

66.9980, 13.3120, 23.6808

Protanomaly

65.2230, 18.6241, -0.1956

Deuteranomaly

66.0510, 12.7929, 3.4633

Tritanomaly

66.5280, 2.6977, 21.4619

Monochromacy



Original Color

66.9980, 13.3120, 23.6808

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

67.0210, 4.9196, 8.7516

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.9980, 13.3120, 23.6808 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(94, 48, 94)` looks like.

```
.text, #text, p{  
    color:rgb(94, 48, 94)  
}
```

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(94, 48, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 48, 94) }
```

Border

The CSS property to change the border of an element to YUV 66.9980, 13.3120, 23.6808 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(94, 48, 94) }
```


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

```
.border{ border-color:rgb(94, 48, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 48, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 48, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 48, 94);  
box-shadow:4px 4px 4px 4px rgb(94, 48, 94)  
}
```

Background

The CSS property to change the background color of an element to YUV 66.9980, 13.3120, 23.6808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 48, 94) }
```

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

```
.background{ background-color: rgb(94, 48,  
94) }
```

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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