

Converting Colors

YUV(78.8020, -6.3114, 17.7136)

Have a look what the booklet for
YUV(78.8020, -6.3114, 17.7136)
contains.

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Color

**YUV(78.8020, -6.3114,
17.7136)**

Conversions

Conversions Part 1

Format	Color
Hex	634742
RGB	99, 71, 66
RGB Percent	39%, 28%, 26%
CMY	0.6118, 0.7216, 0.7412
CMYK	0.00, 0.28, 0.33, 0.61
HSL	9°, 20%, 32%
HSV	9°, 33%, 39%
XYZ	8.3822, 7.5525, 6.1702
YIQ	78.8020, 18.2930, 4.3810

Conversions

Conversions Part 2

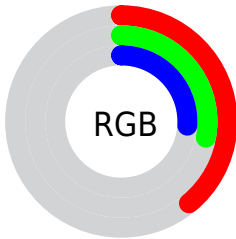
Format	Color
RYB	99, 72, 66
Decimal	6506306
CIELab	33.03, 11.21, 7.72
CIElCh	33, 13.610, 34.552
Yxy	7.5525, 0.3792, 0.3417
Android (android.graphics.Color)	4284696386 (0xFF634742)
YUV	78.8020, -6.3114, 17.7136
Hunter-Lab	27.4818, 6.3511, 5.9254




Details

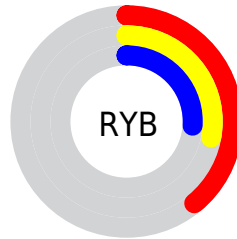
The YUV color **78.8020, -6.3114, 17.7136** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **86.1980, 6.3114, -17.7136**, and the grayscale version is **79.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **128.5850, -7.1904, 19.6580**, and **33.7200, -5.2850, 15.1546** is the 20% darker color. If you saturate the color by 10%, you get **72.9660, -8.3642, 22.8318**, and if you desaturate by 10%, it is **84.6380, -4.2585, 12.5955**.

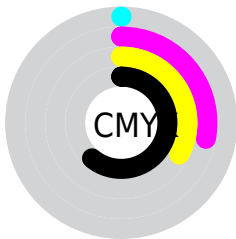
Distribution







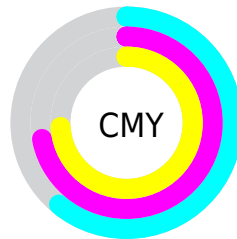
-  Red (39%)
-  Green (28%)
-  Blue (26%)






-  Red (39%)
-  Yellow (28%)
-  Blue (26%)



-  Cyan (0%)
-  Magenta (28%)
-  Yellow (33%)
-  Black (61%)



-  Cyan (61%)
-  Magenta (72%)
-  Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.8020, -6.3114, 17.7136 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 78.8020, -6.3114, 17.7136 by changing the saturation by 10% instead.

■ 78.8020, -6.3114,
17.7136

■ 78.8020, -6.3114,
17.7136

255.0000, 0.0000,
0.0000

■ 55.6170, -5.7272,
16.9989

■ 128.5850, -7.1904,
19.6580

■ 33.7200, -5.2850,
15.1546

■ 154.1830, -7.4852,
20.8875

■ 10.4430, -5.1484,
18.0285

■ 181.1830, -7.4852,
20.8875

■ 0.0000, 0.0000,
0.0000

■ 208.7810, -7.7800,
22.1171

■ 234.6880, -6.7482,
17.8136

■ 254.3160, -2.6208,

0.5999

■ 78.8020, -6.3114,
17.7136

■ 78.8020, -6.3114,
17.7136

■ 72.9660, -8.3642,
22.8318

■ 84.6380, -4.2585,
12.5955

■ 66.5430, -10.1277,
28.4648

■ 91.0610, -2.4951,
6.9625

■ 60.7070, -12.1806,
33.5830

■ 96.8970, -0.4422,
1.8443

■ 54.2840, -13.9440,
39.2159

■ 103.3200, 1.3212,
-3.7886

■ 48.5620, -15.5601,
44.2341

■ 109.1560, 3.3741,
-8.9068

■ 42.7260, -17.6129,
49.3523

■ 114.8780, 4.9901,
-13.9250

■ 38.4060, -18.9342,
53.1409

■ 121.3010, 6.7536,
-19.5580

■ 127.1370, 8.8065,
-24.6761

■ 133.5600, 10.5699,
-30.3091

Harmonies

Analogous

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



79.3550, -1.6540, 17.2287



78.8020, -6.3114, 17.7136



78.2700, -9.5001, 13.7952

Triad

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



78.8020, -6.3114, 17.7136



74.4130, -3.1616, -12.6402



77.1050, 10.7942, -8.8621

Complementary

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



78.8020, -6.3114, 17.7136



86.1980, 6.3114, -17.7136

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.



74.4520, 11.1162, -18.8134



78.8020, -6.3114, 17.7136



73.2640, 2.8278, -20.4025

Square

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



78.8020, -6.3114, 17.7136



75.9150, -7.8461, -3.4335



72.9200, 7.9274, -22.7318



78.7860, 7.9935, 2.8187

Rectangle

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



78.8020, -6.3114, 17.7136



77.3080, -10.5048, 9.3769



72.9200, 7.9274, -22.7318



76.1970, 11.2419, -12.4508

Sweetspot

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



78.8020, -6.3114, 17.7136



120.0610, -2.4951, 6.9625



79.0590, 7.3659, 17.4883



58.9790, -1.4686, 4.4034



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



78.8020, -6.3114, 17.7136



96.3580, -9.5435, 27.7500



88.1940, -10.9416, 9.4769



45.1960, -0.5896, 2.4591



43.4670, -21.4292, 60.1034



92.8920, -45.7958, 129.0137

Inverse Universe

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



86.1980, 6.3114, -17.7136



108.0550, 9.8329, -27.2352



76.8060, 10.9416, -9.4769



46.8040, 0.5896, -2.4591



68.5330, 21.4292, -60.1034



146.5210, 46.0851, -128.4989

Previews

White Background



This preview shows how the YUV color 78.8020, -6.3114, 17.7136 looks on a white background.

Color Contrast Check

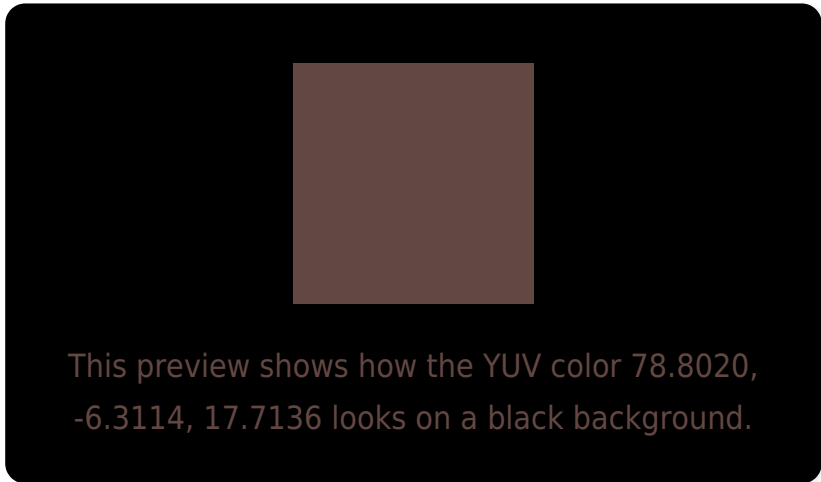
Large Text (above 18pt) WCAG AA ✓ Pass

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

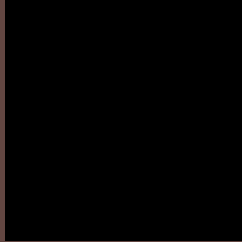
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.8020, -6.3114, 17.7136

Background



This preview shows how black text looks on a background with the YUV color 78.8020, -6.3114, 17.7136.

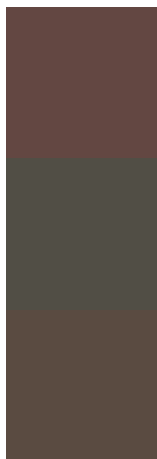


This preview shows how white text looks on a background with the YUV color 78.8020, -6.3114,

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

78.8020, -6.3114, 17.7136

Protanopia

77.8710, -4.3734, 2.7441

Deuteranopia

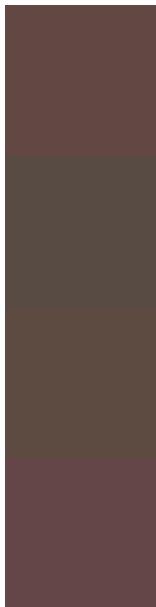
78.3450, -6.5791, 10.2214



Tritanopia

79.5400, -2.2382, 17.9434

Trichromacy



Original Color

78.8020, -6.3114, 17.7136

Protanomaly

78.0890, -4.9739, 8.6919

Deuteranomaly

78.6550, -6.7319, 12.5806

Tritanomaly

79.1980, -3.5486, 18.2434

Monochromacy



Original Color

78.8020, -6.3114, 17.7136

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

78.7620, -2.3477, 6.3477

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.8020, -6.3114, 17.7136 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(99, 71, 66)` looks like.

```
.text, #text, p{  
    color:rgb(99, 71, 66)  
}
```

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(99, 71, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 71, 66) }
```

Border

The CSS property to change the border of an element to YUV 78.8020, -6.3114, 17.7136 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(99, 71, 66) }
```


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

```
.border{ border-color:rgb(99, 71, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 71, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 71, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 71, 66);  
box-shadow:4px 4px 4px 4px rgb(99, 71, 66)  
}
```

Background

The CSS property to change the background color of an element to YUV 78.8020, -6.3114, 17.7136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 71, 66) }
```

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

```
.background{ background-color: rgb(99, 71,  
66) }
```

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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