

Converting Colors

YUV(78.1630, -13.8844,
20.0280)

Have a look what the booklet for
YUV(78.1630, -13.8844, 20.0280)
contains.

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Color

**YUV(78.1630, -13.8844,
20.0280)**

Conversions

Conversions Part 1

Format	Color
Hex	654832
RGB	101, 72, 50
RGB Percent	40%, 28%, 20%
CMY	0.6039, 0.7176, 0.8039
CMYK	0.00, 0.29, 0.50, 0.60
HSL	26°, 34%, 30%
HSV	26°, 50%, 40%
XYZ	8.2599, 7.6317, 4.0553
YIQ	78.1630, 24.3460, -0.6940

Conversions

Conversions Part 2

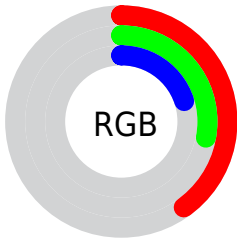
Format	Color
R_{YB}	101, 89, 50
Decimal	6637618
CIE _{Lab}	33.20, 9.39, 18.04
CIE _{LCh}	33, 20.338, 62.519
Yxy	7.6317, 0.4141, 0.3826
Android (android.graphics.Color)	4284827698 (0xFF654832)
YUV	78.1630, -13.8844, 20.0280
Hunter-Lab	27.6256, 5.0259, 10.6343




Details

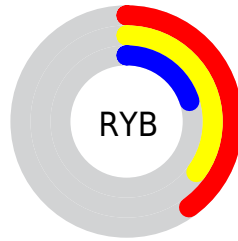
The YUV color **78.1630, -13.8844, 20.0280** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **72.8370, 13.8844, -20.0280**, and the grayscale version is **78.0000, 0.0000, 0.0000**.



A 20% lighter version of the original color is **127.8320, -15.2002, 22.0723**, and **32.4400, -14.0209, 17.1541** is the 20% darker color. If you saturate the color by 10%, you get **73.5010, -16.5160, 24.1166**, and if you desaturate by 10%, it is **82.8250, -11.2527, 15.9395**.

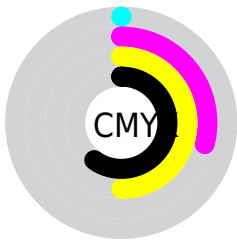
Distribution







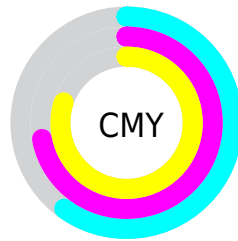
-  Red (40%)
-  Green (28%)
-  Blue (20%)






-  Red (40%)
-  Yellow (35%)
-  Blue (20%)



-  Cyan (0%)
-  Magenta (29%)
-  Yellow (50%)
-  Black (60%)



-  Cyan (60%)
-  Magenta (72%)
-  Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.1630, -13.8844, 20.0280 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 78.1630, -13.8844, 20.0280 by changing the saturation by 10% instead.

■ 78.1630, -13.8844,
20.0280

■ 78.1630, -13.8844,
20.0280

■ 255.0000, 0.0000,
0.0000

■ 54.7930, -12.7159,
18.5985

■ 127.8320,
-15.2002, 22.0723

■ 32.4400, -14.0209,
17.1541

■ 153.6150,
-16.0792, 24.0166

■ 11.3180, -5.5798,
16.3841

■ 180.8000,
-16.6634, 24.7314

■ 0.0000, 0.0000,
0.0000

■ 208.3980,
-16.9582, 25.9610

■ 232.9950,
-15.7735, 19.2984

■ 252.0360,

-11.3567, 2.5994

■ 78.1630, -13.8844,
20.0280

■ 78.1630, -13.8844,
20.0280

■ 73.5010, -16.5160,
24.1166

■ 82.8250, -11.2527,
15.9395

■ 69.4260, -19.4370,
27.6904

■ 86.9000, -8.3317,
12.3657

■ 64.7640, -22.0687,
31.7790

■ 91.5620, -5.7001,
8.2771

■ 60.1020, -24.7003,
35.8675

■ 96.2240, -3.0684,
4.1886

■ 56.0270, -27.6213,
39.4413

■ 101.0000, 0.0000,
0.0000

■ 105.0750, 2.9210,
-3.5738

■ 109.7370, 5.5527,
-7.6623

■ 114.3990, 8.1843,
-11.7509

■ 119.0610, 10.8159,
-15.8395

Harmonies

Analogous

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



78.9880, -8.3751, 26.3205



78.1630, -13.8844, 20.0280



77.3420, -15.4516, 9.3471

Triad

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



78.1630, -13.8844, 20.0280



69.3440, 4.7604, -33.6277



79.3390, 12.6509, 2.3337

Complementary

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



78.1630, -13.8844, 20.0280



72.8370, 13.8844, -20.0280

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.



76.2550, 16.6363, -16.0096



78.1630, -13.8844, 20.0280



66.3950, 14.1023, -43.3194

Square

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



78.1630, -13.8844, 20.0280



72.3260, -4.5977, -18.7029



70.6610, 17.4221, -34.7827



80.4180, 6.2029, 17.1734

Rectangle

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



78.1630, -13.8844, 20.0280



75.7430, -13.6773, 0.2254



70.6610, 17.4221, -34.7827



78.4630, 14.5617, -3.9141

Sweetspot

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



78.1630, -13.8844, 20.0280



121.3770, -5.1159, 7.5624



68.6690, 5.5862, 28.3543



61.1100, -3.5052, 4.2885



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



78.1630, -13.8844, 20.0280



94.5790, -21.4844, 31.0642



92.8380, -21.1191, 7.1581



48.6690, -1.3158, 2.0443



63.7350, -31.4214, 44.9594



133.9930, -66.0585, 94.7221

Inverse Universe

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



72.8370, 13.8844, -20.0280



86.4210, 21.4844, -31.0642



58.1620, 21.1191, -7.1581



48.3310, 1.3158, -2.0443



51.2650, 31.4214, -44.9594



108.5940, 65.7692, -95.2369

Previews

White Background



This preview shows how the YUV color 78.1630, -13.8844, 20.0280 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 78.1630, -13.8844, 20.0280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

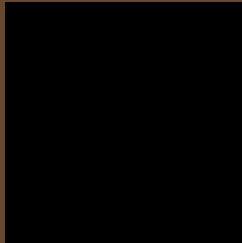
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.1630, -13.8844, 20.0280

Background



This preview shows how black text looks on a background with the YUV color 78.1630, -13.8844, 20.0280.



This preview shows how white text looks on a background with the YUV color 78.1630, -13.8844,

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

78.1630, -13.8844, 20.0280

Protanopia

77.2430, -11.9518, 6.8029

Deuteranopia

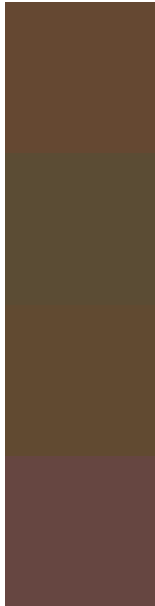
78.0160, -14.3049, 14.8950



Tritanopia

79.7360, -2.8278, 20.4025

Trichromacy



Original Color

78.1630, -13.8844, 20.0280

Protanomaly

77.7490, -12.6943, 11.6211

Deuteranomaly

78.0270, -14.3103, 16.6393

Tritanomaly

78.9980, -6.9010, 20.1728

Monochromacy



Original Color

78.1630, -13.8844, 20.0280

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

78.0780, -4.9685, 6.9476

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.1630, -13.8844, 20.0280 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(101, 72, 50)` looks like.

```
.text, #text, p{  
    color:rgb(101, 72, 50)  
}
```

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(101, 72, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 72, 50) }
```

Border

The CSS property to change the border of an element to YUV 78.1630, -13.8844, 20.0280 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(101, 72, 50) }
```


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

```
.border{ border-color:rgb(101, 72, 50) }
```

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

Here you see how a box with a 4 pixel rgb(101, 72, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 72, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 72, 50);  
box-shadow:4px 4px 4px 4px rgb(101, 72,  
50) }
```

Background

The CSS property to change the background color of an element to YUV 78.1630, -13.8844, 20.0280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 72, 50) }
```

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

```
.background{ background-color: rgb(101, 72,  
50) }
```

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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