

Converting Colors

YUV(78.3170, -20.8623,
18.1390)

Have a look what the booklet for
YUV(78.3170, -20.8623, 18.1390)
contains.

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Color

**YUV(78.3170, -20.8623,
18.1390)**

Conversions

Conversions Part 1

Format	Color
Hex	634C24
RGB	99, 76, 36
RGB Percent	39%, 30%, 14%
CMY	0.6118, 0.7020, 0.8588
CMYK	0.00, 0.23, 0.64, 0.61
HSL	38°, 47%, 26%
HSV	38°, 64%, 39%
XYZ	8.0485, 7.9489, 2.7792
YIQ	78.3170, 26.5480, -7.5640

Conversions

Conversions Part 2

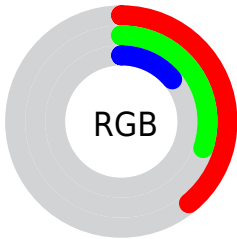
Format	Color
R_{YB}	72, 99, 36
Decimal	6507556
CIE _{Lab}	33.88, 4.58, 27.11
CIE _{LCh}	34, 27.491, 80.409
Yxy	7.9489, 0.4286, 0.4233
Android (android.graphics.Color)	4284697636 (0xFF634C24)
YUV	78.3170, -20.8623, 18.1390
Hunter-Lab	28.1938, 1.6171, 13.8912

Details

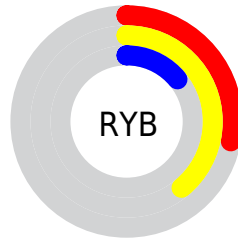
The YUV color **78.3170, -20.8623, 18.1390** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **56.6830, 20.8623, -18.1390**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.1710, -22.7623, 20.8980**, and **33.7340, -16.6309, 14.2653** is the 20% darker color. If you saturate the color by 10%, you get **74.8290, -24.0727, 21.1980**, and if you desaturate by 10%, it is **81.8050, -17.6519, 15.0800**.

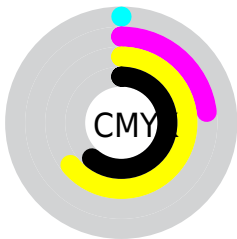
Distribution



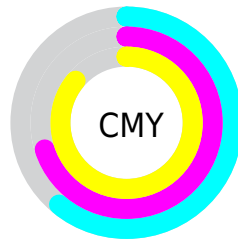
- Red (39%)
- Green (30%)
- Blue (14%)



- Red (28%)
- Yellow (39%)
- Blue (14%)



- Cyan (0%)
- Magenta (23%)
- Yellow (64%)
- Black (61%)



- Cyan (61%)
- Magenta (70%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.3170, -20.8623, 18.1390 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 78.3170, -20.8623, 18.1390 by changing the saturation by 10% instead.

■ 78.3170, -20.8623,
18.1390

■ 78.3170, -20.8623,
18.1390

■ 255.0000, 0.0000,
0.0000

■ 54.8330, -20.1307,
16.8095

■ 128.1710,
-22.7623, 20.8980

■ 33.7340, -16.6309,
14.2653

■ 154.3560,
-23.3465, 21.6128

■ 13.6440, -6.7265,
10.8362

■ 180.8400,
-24.0781, 22.9423

■ 0.0000, 0.0000,
0.0000

■ 208.9110,
-25.0991, 23.7571

■ 234.2200,
-23.7725, 18.2241

■ 250.2120,

-18.3455, 4.1991

253.5180, -5.6784,
1.2997

78.3170, -20.8623,
18.1390

78.3170, -20.8623,
18.1390

74.8290, -24.0727,
21.1980

81.8050, -17.6519,
15.0800

71.9280, -27.5725,
23.7421

84.7060, -14.1521,
12.5358

68.4400, -30.7829,
26.8011

88.1940, -10.9416,
9.4769

66.5820, -32.8249,
28.4306

91.0950, -7.4418,
6.9327

94.5830, -4.2314,
3.8737

■ 97.9570, -1.4578,
0.9147

■ 100.8580, 2.0420,
-1.6295

■ 104.3460, 5.2524,
-4.6884

■ 107.8340, 8.4628,
-7.7474

Harmonies

Analogous

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



79.3600, -15.9535, 30.3793



78.3170, -20.8623, 18.1390



76.2610, -19.3557, 1.5251

Triad

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



78.3170, -20.8623, 18.1390



64.1330, 14.7244, -56.2446



82.1280, 12.7549, 15.6737

Complementary

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



78.3170, -20.8623, 18.1390



56.6830, 20.8623, -18.1390

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.



80.1080, 19.6668, -7.9877



78.3170, -20.8623, 18.1390



65.1250, 23.6024, -57.1146

Square

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



78.3170, -20.8623, 18.1390



65.5230, 3.1932, -44.3087



70.3920, 25.4427, -40.6858



81.4090, 3.2494, 31.2133

Rectangle

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



78.3170, -20.8623, 18.1390



74.7370, -14.6603, -11.1703



70.3920, 25.4427, -40.6858



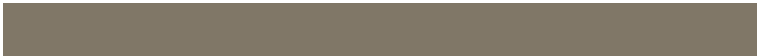
81.7680, 15.3974, 8.0965

Sweetspot

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



78.3170, -20.8623, 18.1390



119.8670, -8.3154, 7.1326



57.4590, 0.7597, 36.4315



58.7680, -4.8156, 4.5885



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.



78.3170, -20.8623, 18.1390



95.8100, -31.9513, 28.2306



89.4260, -26.3390, 1.3804



46.9570, -1.4578, 0.9147



75.1650, -37.0563, 32.3043



160.9840, -79.3651, 69.2970

Inverse Universe

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



56.6830, 20.8623, -18.1390



62.6030, 32.2407, -27.7158



45.5740, 26.3390, -1.3804



45.0430, 1.4578, -0.9147



36.8350, 37.0563, -32.3043



79.0160, 79.3651, -69.2970

Previews

White Background



This preview shows how the YUV color 78.3170, -20.8623, 18.1390 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 78.3170, -20.8623, 18.1390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

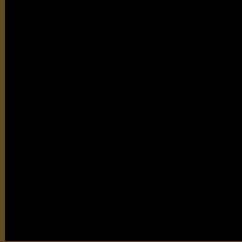
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.3170, -20.8623, 18.1390

Background



This preview shows how black text looks on a background with the YUV color 78.3170, -20.8623, 18.1390.



This preview shows how white text looks on a background with the YUV color 78.3170, -20.8623,

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

78.3170, -20.8623, 18.1390

Protanopia

77.7890, -20.1090, 9.8320

Deuteranopia

78.3170, -20.8623, 18.1390



Tritanopia

81.5400, -2.2382, 17.9434

Trichromacy



Original Color

78.3170, -20.8623, 18.1390

Protanomaly

78.3980, -20.4092, 12.8060

Deuteranomaly

78.3170, -20.8623, 18.1390

Tritanomaly

80.1180, -8.9322, 18.3135

Monochromacy



Original Color

78.3170, -20.8623, 18.1390

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

78.0950, -7.4418, 6.9327

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.3170, -20.8623, 18.1390 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, 76, 36)` looks like.

```
.text, #text, p{  
    color:rgb(99, 76, 36)  
}
```

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, 76, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 76, 36) }
```

Border

The CSS property to change the border of an element to YUV 78.3170, -20.8623, 18.1390 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, 76, 36) }
```


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

```
.border{ border-color:rgb(99, 76, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 76, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 76, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 76, 36);  
box-shadow:4px 4px 4px 4px rgb(99, 76, 36)  
}
```

Background

The CSS property to change the background color of an element to YUV 78.3170, -20.8623, 18.1390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 76, 36) }
```

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

```
.background{ background-color: rgb(99, 76,  
36) }
```

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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