

Converting Colors

YUV(78.7180, -19.0880, 9.0173)

Have a look what the booklet for
YUV(78.7180, -19.0880, 9.0173)
contains.

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Color

**YUV(78.7180, -19.0880,
9.0173)**

Conversions

Conversions Part 1

Format	Color
Hex	595128
RGB	89, 81, 40
RGB Percent	35%, 32%, 16%
CMY	0.6510, 0.6824, 0.8431
CMYK	0.00, 0.09, 0.55, 0.65
HSL	50°, 38%, 25%
HSV	50°, 55%, 35%
XYZ	7.4453, 8.1619, 3.1905
YIQ	78.7180, 17.9290, -11.0550

Conversions

Conversions Part 2

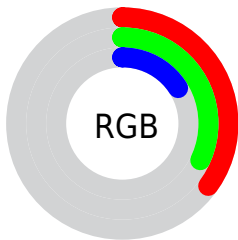
Format	Color
R_{YB}	50, 89, 40
Decimal	5853480
CIE Lab	34.32, -2.95, 25.10
CIE LCh	34, 25.269, 96.707
Yxy	8.1619, 0.3961, 0.4342
Android (android.graphics.Color)	4284043560 (0xFF595128)
YUV	78.7180, -19.0880, 9.0173
Hunter-Lab	28.5691, -3.4777, 13.3771

Details

The YUV color **78.7180, -19.0880, 9.0173** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **50.2820, 19.0880, -9.0173**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.9740, -20.6932, 10.5468**, and **34.5760, -17.0460, 7.3878** is the 20% darker color. If you saturate the color by 10%, you get **77.1050, -22.7298, 10.4319**, and if you desaturate by 10%, it is **80.3310, -15.4462, 7.6027**.

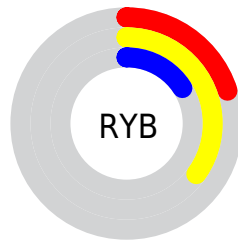
Distribution



Red (35%)

Green (32%)

Blue (16%)



Red (20%)

Yellow (35%)

Blue (16%)

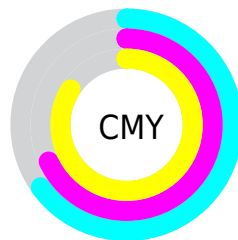


Cyan (0%)

Magenta (9%)

Yellow (55%)

Black (65%)



Cyan (65%)

Magenta (68%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.7180, -19.0880, 9.0173 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 78.7180, -19.0880, 9.0173 by changing the saturation by 10% instead.

■ 78.7180, -19.0880,
9.0173

■ 78.7180, -19.0880,
9.0173

■ 255.0000, 0.0000,
0.0000

■ 55.5330, -18.5038,
8.3026

■ 127.9740,
-20.6932, 10.5468

■ 34.5760, -17.0460,
7.3878

■ 154.1590,
-21.2774, 11.2616

■ 14.1760, -6.9888,
1.5996

■ 181.3440,
-21.8616, 11.9763

■ 0.0000, 0.0000,
0.0000

■ 209.1160,
-22.7352, 12.1763

■ 237.3010,
-23.3194, 12.8910

■ 250.7820,

-16.1615, 3.6992

254.0880, -3.4944,
0.7998

78.7180, -19.0880,
9.0173

78.7180, -19.0880,
9.0173

77.1050, -22.7298,
10.4319

80.3310, -15.4462,
7.6027

74.9050, -26.0822,
12.3613

82.5310, -12.0938,
5.6733

73.2920, -29.7240,
13.7759

84.1440, -8.4520,
4.2587

71.0920, -33.0764,
15.7053

86.3440, -5.0996,
2.3293

70.0490, -34.5342,
16.6200

87.9570, -1.4578,
0.9147

■ 90.0430, 1.4578,
-0.9147

■ 91.6560, 5.0996,
-2.3293

■ 93.8560, 8.4520,
-4.2587

■ 95.4690, 12.0938,
-5.6733

Harmonies

Analogous

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



80.1480, -17.8210, 22.6722



78.7180, -19.0880, 9.0173



76.8730, -14.2344, -7.7816

Triad

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



78.7180, -19.0880, 9.0173



64.6860, 19.3818, -56.7296



82.9780, 6.9128, 22.8213

Complementary

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



78.7180, -19.0880, 9.0173



50.2820, 19.0880, -9.0173

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.



82.9310, 14.8240, 5.3225



78.7180, -19.0880, 9.0173



66.7990, 24.7491, -51.5667

Square

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



78.7180, -19.0880, 9.0173



63.1070, 10.7932, -55.3448



78.2700, 20.5729, -18.6538



81.9270, -2.4290, 32.5130

Rectangle

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



78.7180, -19.0880, 9.0173



74.1040, -7.9393, -20.2622



78.2700, 20.5729, -18.6538



83.3410, 9.6919, 18.1179

Sweetspot

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



78.7180, -19.0880, 9.0173



110.9590, -7.8678, 3.5440



55.5630, -3.7286, 29.3242



56.4580, -4.6628, 2.2293



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



78.7180, -19.0880, 9.0173



98.7050, -29.4346, 14.2907



78.6300, -19.0446, -4.9375



42.5440, -1.7472, 0.3999



84.8230, -41.8177, 19.4492



185.3170, -91.3613, 43.5720

Inverse Universe

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



50.2820, 19.0880, -9.0173



54.7080, 29.7240, -13.7759



50.3700, 19.0446, 4.9375



40.0430, 1.4578, -0.9147



22.1770, 41.8177, -19.4492



49.0960, 91.6507, -43.0572

Previews

White Background



This preview shows how the YUV color 78.7180, -19.0880, 9.0173 looks on a white background.

Color Contrast Check

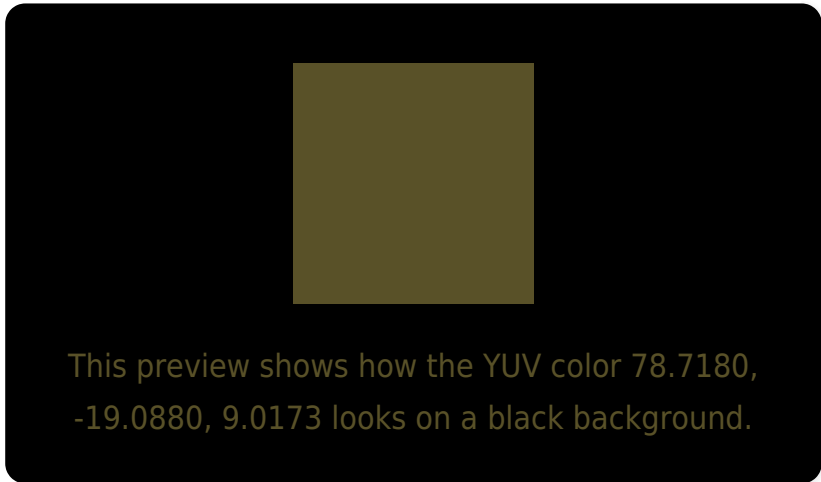
Large Text (above 18pt) WCAG AA ✓ Pass

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 78.7180, -19.0880, 9.0173

Background



This preview shows how black text looks on a background with the YUV color 78.7180, -19.0880, 9.0173.



This preview shows how white text looks on a background with the YUV color 78.7180, -19.0880,

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

78.7180, -19.0880, 9.0173

Protanopia

78.7180, -19.0880, 9.0173

Deuteranopia

79.4740, -18.9677, 17.1243



Tritanopia

81.7670, 0.1149, 9.8513

Trichromacy



Original Color

78.7180, -19.0880, 9.0173

Protanomaly

78.7180, -19.0880, 9.0173

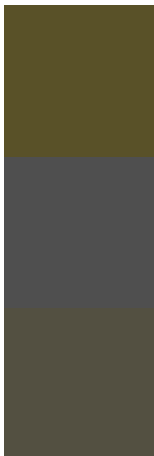
Deuteranomaly

78.8650, -18.6674, 14.1504

Tritanomaly

80.9320, -6.8685, 9.7066

Monochromacy



Original Color

78.7180, -19.0880, 9.0173

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

79.1870, -6.9942, 3.3440

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.7180, -19.0880, 9.0173 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(89, 81, 40)` looks like.

```
.text, #text, p{  
    color:rgb(89, 81, 40)  
}
```

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(89, 81, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 81, 40) }
```

Border

The CSS property to change the border of an element to YUV 78.7180, -19.0880, 9.0173 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(89, 81, 40) }
```


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

```
.border{ border-color:rgb(89, 81, 40) }
```

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

Here you see how a box with a 4 pixel rgb(89, 81, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 81, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 81, 40);  
box-shadow:4px 4px 4px 4px rgb(89, 81, 40)  
}
```

Background

The CSS property to change the background color of an element to YUV 78.7180, -19.0880, 9.0173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 81, 40) }
```

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

```
.background{ background-color: rgb(89, 81,  
40) }
```

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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