

Converting Colors

YUV(89.0770, -20.2510, 8.7025)

Have a look what the booklet for
YUV(89.0770, -20.2510, 8.7025)
contains.

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Color

**YUV(89.0770, -20.2510,
8.7025)**

Conversions

Conversions Part 1

Format	Color
Hex	635C30
RGB	99, 92, 48
RGB Percent	39%, 36%, 19%
CMY	0.6118, 0.6392, 0.8118
CMYK	0.00, 0.07, 0.52, 0.61
HSL	52°, 35%, 29%
HSV	52°, 52%, 39%
XYZ	9.5062, 10.5203, 4.3259
YIQ	89.0770, 18.2960, -12.2000

Conversions

Conversions Part 2

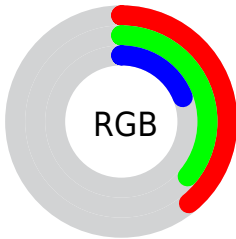
Format	Color
RYB	56, 99, 48
Decimal	6511664
CIELab	38.76, -3.94, 26.17
CIElCh	39, 26.466, 98.572
Yxy	10.5203, 0.3904, 0.4320
Android (android.graphics.Color)	4284701744 (0xFF635C30)
YUV	89.0770, -20.2510, 8.7025
Hunter-Lab	32.4351, -4.4457, 14.7970

Details

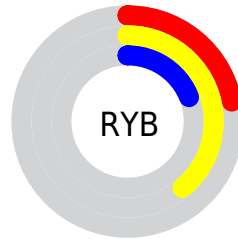
The YUV color $89.0770, -20.2510, 8.7025$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $57.9230, 20.2510, -8.7025$, and the grayscale version is $89.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $139.3330, -21.8562, 10.2320$, and $42.3650, -20.3929, 7.5729$ is the 20% darker color. If you saturate the color by 10%, you get $87.3500, -24.3295, 10.2171$, and if you desaturate by 10%, it is $90.8040, -16.1724, 7.1879$.

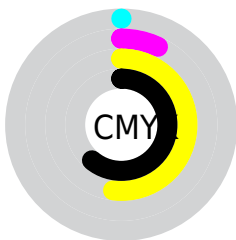
Distribution



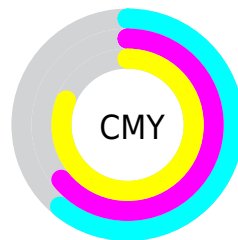
- Red (39%)
- Green (36%)
- Blue (19%)



- Red (22%)
- Yellow (39%)
- Blue (19%)



- Cyan (0%)
- Magenta (7%)
- Yellow (52%)
- Black (61%)



- Cyan (61%)
- Magenta (64%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.0770, -20.2510, 8.7025 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 89.0770, -20.2510, 8.7025 by changing the saturation by 10% instead.

■ 89.0770, -20.2510,
8.7025

■ 89.0770, -20.2510,
8.7025

■ 255.0000, 0.0000,
0.0000

■ 65.5930, -19.5193,
7.3729

■ 139.3330,
-21.8562, 10.2320

■ 42.3650, -20.3929,
7.5729

■ 165.5180,
-22.4404, 10.9467

■ 23.6340, -11.6516,
3.8290

■ 193.2900,
-23.3140, 11.1467

■ 0.0000, 0.0000,
0.0000

■ 221.4750,
-23.8982, 11.8614

■ 246.9690,
-23.1557, 7.0432

■ 252.0360,

-11.3567, 2.5994

■ 89.0770, -20.2510,
8.7025

■ 89.0770, -20.2510,
8.7025

■ 87.3500, -24.3295,
10.2171

■ 90.8040, -16.1724,
7.1879

■ 85.0360, -28.1187,
12.2464

■ 93.1180, -12.3832,
5.1585

■ 83.3090, -32.1973,
13.7610

■ 94.8450, -8.3046,
3.6439

■ 81.5820, -36.2759,
15.2756

■ 96.5720, -4.2260,
2.1294

■ 79.4960, -39.1915,
17.1050

■ 98.8860, -0.4368,
0.1000

■ 100.4990, 3.2050,
-1.3146

■ 102.8130, 6.9942,
-3.3440

■ 104.5400, 11.0728,
-4.8586

■ 106.2670, 15.1514,
-6.3732

Harmonies

Analogous

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



90.9910, -19.7156, 23.6869



89.0770, -20.2510, 8.7025



86.7480, -14.6658, -9.4260

Triad

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



89.0770, -20.2510, 8.7025



72.6250, 21.8769, -63.6921



93.5870, 6.6126, 25.7952

Complementary

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



89.0770, -20.2510, 8.7025



57.9230, 20.2510, -8.7025

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.



93.4690, 15.5448, 7.4817



89.0770, -20.2510, 8.7025



79.9350, 25.1750, -48.1780

Square

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



89.0770, -20.2510, 8.7025



73.0140, 11.8251, -59.6483



89.3240, 22.0253, -17.8241



92.7100, -3.3080, 34.4573

Rectangle

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



89.0770, -20.2510, 8.7025



83.7940, -7.7864, -22.6213



89.3240, 22.0253, -17.8241



93.7650, 9.9759, 20.3771

Sweetspot

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



89.0770, -20.2510, 8.7025



123.9590, -7.8678, 3.5440



64.1610, -4.0234, 30.5538



61.4580, -4.6628, 2.2293



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.



89.0770, -20.2510, 8.7025



112.4230, -31.7605, 13.6610



87.8040, -19.6234, -5.9671



47.5440, -1.7472, 0.3999



90.4270, -44.5805, 18.9195



193.2690, -95.2816, 40.9831

Inverse Universe

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



57.9230, 20.2510, -8.7025



63.5770, 31.7605, -13.6610



59.1960, 19.6234, 5.9671



44.4560, 1.7472, -0.3999



21.5730, 44.5805, -18.9195



46.7310, 95.2816, -40.9831

Previews

White Background



This preview shows how the YUV color 89.0770, -20.2510, 8.7025 looks on a white background.

Color Contrast Check

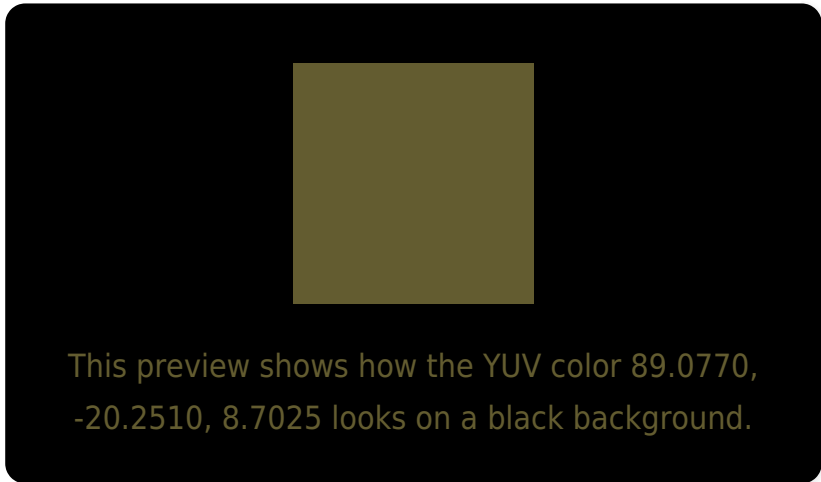
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 89.0770, -20.2510, 8.7025

Background



This preview shows how black text looks on a background with the YUV color 89.0770, -20.2510, 8.7025.



This preview shows how white text looks on a background with the YUV color 89.0770, -20.2510,

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

89.0770, -20.2510, 8.7025

Protanopia

89.0880, -20.2564, 10.4468

Deuteranopia

90.1430, -20.2835, 19.1686



Tritanopia

92.5820, 0.6991, 9.1366

Trichromacy



Original Color

89.0770, -20.2510, 8.7025

Protanomaly

88.7890, -20.1090, 9.8320

Deuteranomaly

89.8220, -20.1252, 15.0651

Tritanomaly

91.5190, -7.1579, 9.1918

Monochromacy



Original Color

89.0770, -20.2510, 8.7025

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

89.0730, -7.4310, 3.4440

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.0770, -20.2510, 8.7025 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, 92, 48)` looks like.

```
.text, #text, p{  
    color:rgb(99, 92, 48)  
}
```

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, 92, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 92, 48) }
```

Border

The CSS property to change the border of an element to YUV 89.0770, -20.2510, 8.7025 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, 92, 48) }
```


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

```
.border{ border-color:rgb(99, 92, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 92, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 92, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 92, 48);  
box-shadow:4px 4px 4px 4px rgb(99, 92, 48)  
}
```

Background

The CSS property to change the background color of an element to YUV 89.0770, -20.2510, 8.7025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 92, 48) }
```

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

```
.background{ background-color: rgb(99, 92,  
48) }
```

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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