

Converting Colors

YUV(78.9430, -20.1849,
34.2530)

Have a look what the booklet for
YUV(78.9430, -20.1849, 34.2530)
contains.

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Color

**YUV(78.9430, -20.1849,
34.2530)**

Conversions

Conversions Part 1

Format	Color
Hex	764326
RGB	118, 67, 38
RGB Percent	46%, 26%, 15%
CMY	0.5373, 0.7373, 0.8510
CMYK	0.00, 0.43, 0.68, 0.54
HSL	22°, 51%, 31%
HSV	22°, 68%, 46%
XYZ	9.8282, 8.0058, 2.8610
YIQ	78.9430, 39.7050, 1.7930

Conversions

Conversions Part 2

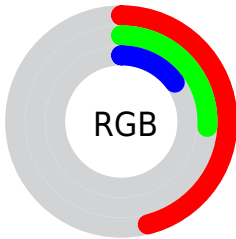
Format	Color
R _Y B	118, 83, 38
Decimal	7750438
CIE Lab	33.99, 19.19, 26.74
CIE LCh	34, 32.912, 54.338
Yxy	8.0058, 0.4749, 0.3868
Android (android.graphics.Color)	4285940518 (0xFF764326)
YUV	78.9430, -20.1849, 34.2530
Hunter-Lab	28.2945, 12.4873, 13.8111

Details

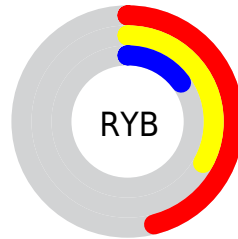
The YUV color **78.9430, -20.1849, 34.2530** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **77.0570, 20.1849, -34.2530**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.3950, -22.3797, 38.2416**, and **33.2350, -16.3849, 28.7349** is the 20% darker color. If you saturate the color by 10%, you get **72.8790, -23.1113, 39.5711**, and if you desaturate by 10%, it is **85.0070, -17.2585, 28.9349**.

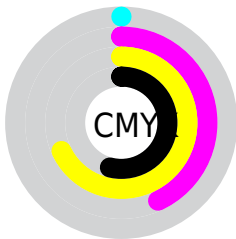
Distribution



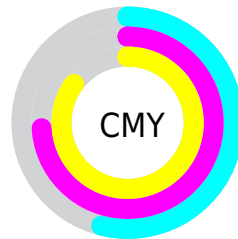
- Red (46%)
- Green (26%)
- Blue (15%)



- Red (46%)
- Yellow (33%)
- Blue (15%)



- Cyan (0%)
- Magenta (43%)
- Yellow (68%)
- Black (54%)



- Cyan (54%)
- Magenta (74%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.9430, -20.1849, 34.2530 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 78.9430, -20.1849, 34.2530 by changing the saturation by 10% instead.

■ 78.9430, -20.1849,
34.2530

■ 78.9430, -20.1849,
34.2530

255.0000, 0.0000,
0.0000

■ 54.9750, -18.7217,
31.5939

■ 129.3950,
-22.3797, 38.2416

■ 33.2350, -16.3849,
28.7349

■ 155.4770,
-23.4062, 40.8007

■ 12.2590, -6.0437,
25.2059

■ 182.9610,
-24.1378, 42.1302

■ 0.0000, 0.0000,
0.0000

■ 208.9500,
-24.1323, 40.3859

■ 228.4640,
-20.4418, 23.2721

■ 248.6790,

-16.6037, 5.5435

253.7460, -4.8048,
1.0998

78.9430, -20.1849,
34.2530

78.9430, -20.1849,
34.2530

72.8790, -23.1113,
39.5711

85.0070, -17.2585,
28.9349

67.4020, -26.3272,
44.3744

90.4840, -14.0426,
24.1315

61.4520, -28.8168,
49.5926

96.4340, -11.5530,
18.9134

60.5230, -29.8378,
50.4073

101.9110, -8.3371,
14.1101

107.9750, -5.4107,
8.7919

■ 113.4520, -2.1948,
3.9886

■ 119.5160, 0.7316,
-1.3295

■ 124.8790, 3.5107,
-6.0329

■ 130.9430, 6.4371,
-11.3510

Harmonies

Analogous

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



79.7450, -9.7343, 42.3196



78.9430, -20.1849, 34.2530



77.7640, -25.5197, 18.6240

Triad

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



78.9430, -20.1849, 34.2530



63.0270, 5.4097, -55.2747



80.4440, 23.4451, -6.5284

Complementary

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



78.9430, -20.1849, 34.2530



77.0570, 20.1849, -34.2530

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.



64.3560, 33.3485, -56.4402



78.9430, -20.1849, 34.2530



66.1050, 17.2032, -57.9741

Square

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



78.9430, -20.1849, 34.2530



70.5610, -11.1226, -25.9250



66.7380, 27.2442, -58.5292



82.8020, 13.9016, 21.2216

Rectangle

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



78.9430, -20.1849, 34.2530



75.9150, -24.6081, 6.2135



66.7380, 27.2442, -58.5292



77.7630, 26.2458, -18.2092

Sweetspot

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



78.9430, -20.1849, 34.2530



137.7260, -7.7529, 13.3953



67.8480, 10.9209, 43.9833



67.7900, -4.8265, 8.0772



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



78.9430, -20.1849, 34.2530



92.4910, -31.3011, 53.0664



101.8360, -31.4711, 14.1758



55.9680, -1.4632, 2.6591



62.3060, -30.7169, 52.3516



128.1670, -63.1863, 106.8475

Inverse Universe

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



77.0570, 20.1849, -34.2530



89.5090, 31.3011, -53.0664



54.1640, 31.4711, -14.1758



56.0320, 1.4632, -2.6591



59.6940, 30.7169, -52.3516



121.8330, 63.1863, -106.8475

Previews

White Background



This preview shows how the YUV color 78.9430, -20.1849, 34.2530 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 78.9430, -20.1849, 34.2530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

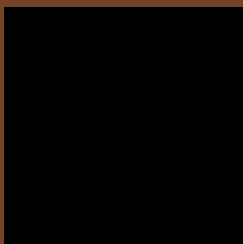
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.9430, -20.1849, 34.2530

Background



This preview shows how black text looks on a background with the YUV color 78.9430, -20.1849, 34.2530.



This preview shows how white text looks on a background with the YUV color 78.9430, -20.1849,

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

78.9430, -20.1849, 34.2530

Protanopia

78.9460, -18.2144, 8.8174

Deuteranopia

79.2030, -21.2991, 18.2390



Tritanopia

80.6130, -6.2182, 34.5424

Trichromacy



Original Color

78.9430, -20.1849, 34.2530

Protanomaly

79.1860, -18.8257, 18.2539

Deuteranomaly

79.0620, -20.7366, 24.5016

Tritanomaly

79.6470, -11.1650, 34.5126

Monochromacy



Original Color

78.9430, -20.1849, 34.2530

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

79.1280, -7.4581, 12.1657

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.9430, -20.1849, 34.2530 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(118, 67, 38)` looks like.

```
.text, #text, p{  
    color:rgb(118, 67, 38)  
}
```

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(118, 67, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 67, 38) }
```

Border

The CSS property to change the border of an element to YUV 78.9430, -20.1849, 34.2530 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(118, 67, 38) }
```


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

```
.border{ border-color:rgb(118, 67, 38) }
```

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

Here you see how a box with a 4 pixel rgb(118, 67, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 67, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 67, 38);  
box-shadow:4px 4px 4px 4px rgb(118, 67,  
38) }
```

Background

The CSS property to change the background color of an element to YUV 78.9430, -20.1849, 34.2530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 67, 38) }
```

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

```
.background{ background-color: rgb(118, 67,  
38) }
```

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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