

Converting Colors

YUV(75.7480, -34.3858,
62.4880)

Have a look what the booklet for
YUV(75.7480, -34.3858, 62.4880)
contains.

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Color

**YUV(75.7480, -34.3858,
62.4880)**

Conversions

Conversions Part 1

Format	Color
Hex	933506
RGB	147, 53, 6
RGB Percent	58%, 21%, 2%
CMY	0.4235, 0.7922, 0.9765
CMYK	0.00, 0.64, 0.96, 0.42
HSL	20°, 92%, 30%
HSV	20°, 96%, 58%
XYZ	13.3386, 8.7624, 1.1606
YIQ	75.7480, 71.1110, 5.3110

Conversions

Conversions Part 2

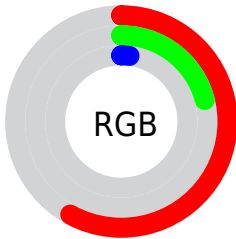
Format	Color
RYB	147, 77, 6
Decimal	9647366
CIELab	35.52, 37.75, 44.82
CIELCh	36, 58.599, 49.891
Yxy	8.7624, 0.5734, 0.3767
Android (android.graphics.Color)	4287837446 (0xFF933506)
YUV	75.7480, -34.3858, 62.4880
Hunter-Lab	29.6013, 28.6311, 18.3963

Details

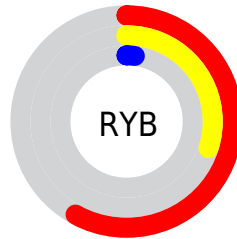
The YUV color **75.7480, -34.3858, 62.4880** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **77.2520, 34.3858, -62.4880**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.6240, -36.2966, 68.7358**, and **26.3120, -12.9718, 54.1004** is the 20% darker color. If you saturate the color by 10%, you get **72.7160, -35.8490, 65.1471**, and if you desaturate by 10%, it is **83.3280, -30.7277, 55.8403**.

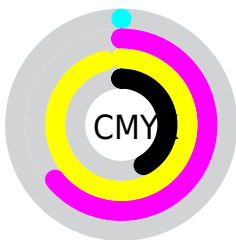
Distribution



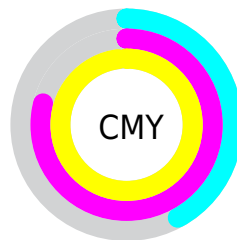
- Red (58%)
- Green (21%)
- Blue (2%)



- Red (58%)
- Yellow (30%)
- Blue (2%)



- Cyan (0%)
- Magenta (64%)
- Yellow (96%)
- Black (42%)



- Cyan (42%)
- Magenta (79%)
- Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.7480, -34.3858, 62.4880 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 75.7480, -34.3858, 62.4880 by changing the saturation by 10% instead.

■ 75.7480, -34.3858,
62.4880

■ 75.7480, -34.3858,
62.4880

■ 253.4040, -6.1152,
1.3997

■ 51.1310, -25.2076,
58.6441

■ 129.6240,
-36.2966, 68.7358

■ 26.3120, -12.9718,
54.1004

■ 156.5920,
-37.7599, 71.3948

■ 17.9400, -8.8444,
36.8866

■ 179.7870,
-36.8700, 65.9618

■ 9.6820, -4.2802,
19.5729


■ 199.1870,
-33.6162, 48.9480


■ 0.0000, 0.0000,
0.0000


■ 218.5870,
-30.3624, 31.9342


■ 238.8020,


-26.5244, 14.2056


 250.2120,
-18.3455, 4.1991


 75.7480, -34.3858,
62.4880

 75.7480, -34.3858,
62.4880


 72.7160, -35.8490,
65.1471

 83.3280, -30.7277,
55.8403

 90.7940, -27.5064,
49.2927

 97.7870, -23.5590,
43.1598

 105.3670,
-19.9009, 36.5121

 112.9470,
-16.2429, 29.8645

■ 120.4130,
-13.0216, 23.3168

■ 127.9930, -9.3635,
16.6691

■ 134.9860, -5.4161,
10.5363

■ 142.4520, -2.1948,
3.9886

Harmonies

Analogous

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



69.0950, -6.9488, 82.3547



75.7480, -34.3858, 62.4880



79.2960, -39.0929, 32.1894

Triad

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



75.7480, -34.3858, 62.4880



67.9850, -0.9786, -59.6228



74.1790, 48.7188, -39.6220

Complementary

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



75.7480, -34.3858, 62.4880



77.2520, 34.3858, -62.4880

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.



75.3560, 50.1105, -66.0872



75.7480, -34.3858, 62.4880



74.0440, 19.6983, -64.9366

Square

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



75.7480, -34.3858, 62.4880



59.4810, -23.4081, -52.1648



77.5440, 38.1858, -68.0061



84.1190, 30.0143, 33.2216

Rectangle

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



75.7480, -34.3858, 62.4880



77.6800, -38.2962, 9.9276



77.5440, 38.1858, -68.0061



70.0730, 52.7150, -61.4540

Sweetspot

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



75.7480, -34.3858, 62.4880



163.0110, -13.3164, 24.5464



58.8750, 20.2746, 77.2856



79.6230, -8.1951, 15.2396



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



75.7480, -34.3858, 62.4880



94.6770, -46.6758, 84.4753



117.4250, -54.9325, 25.9373



70.2670, -1.6106, 3.2738



68.2640, -33.6542, 61.1585



4.7510, -2.3422, 4.6034

Inverse Universe

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



77.2520, 34.3858, -62.4880



96.3230, 46.6758, -84.4753



36.1620, 54.6431, -26.4521



70.1460, 1.9000, -2.7590



69.7360, 33.6542, -61.1585



5.2490, 2.3422, -4.6034

Previews

White Background



This preview shows how the YUV color 75.7480, -34.3858, 62.4880 looks on a white background.

Color Contrast Check

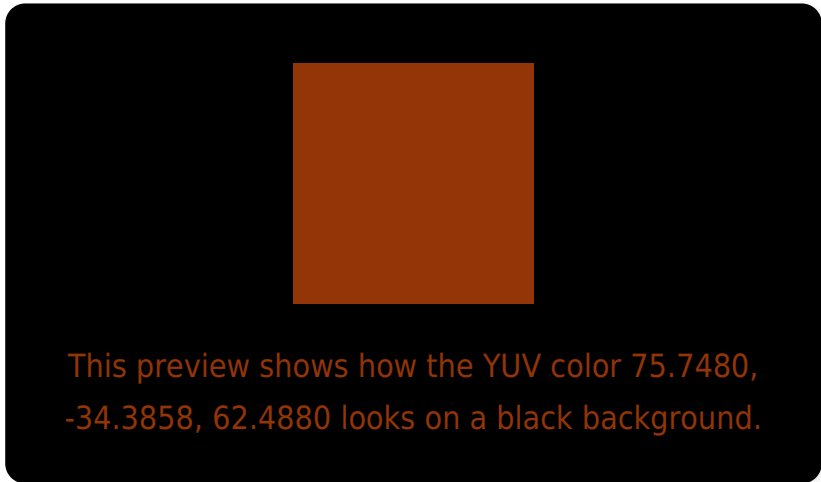
Large Text (above 18pt) WCAG AA ✓ Pass

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

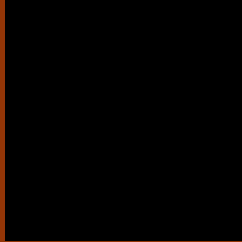
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.7480, -34.3858, 62.4880

Background



This preview shows how black text looks on a background with the YUV color 75.7480, -34.3858, 62.4880.



This preview shows how white text looks on a background with the YUV color 75.7480, -34.3858,

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

75.7480, -34.3858, 62.4880

Protanopia

80.1240, -31.6131, 13.0463

Deuteranopia

78.9530, -38.9238, 24.5972



Tritanopia

78.9430, -13.2829, 60.5630

Trichromacy



Original Color

75.7480, -34.3858, 62.4880

Protanomaly

78.3050, -32.6884, 31.3045

Deuteranomaly

77.7960, -37.3674, 38.7669

Tritanomaly

77.5920, -20.9979, 61.7478

Monochromacy



Original Color

75.7480, -34.3858, 62.4880

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

76.2280, -12.4374, 22.6020

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.7480, -34.3858, 62.4880 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(147, 53, 6)` looks like.

```
.text, #text, p{  
    color:rgb(147, 53, 6)  
}
```

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(147, 53, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 53, 6) }
```

Border

The CSS property to change the border of an element to YUV 75.7480, -34.3858, 62.4880 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(147, 53, 6) }
```


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

```
.border{ border-color:rgb(147, 53, 6) }
```

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

Here you see how a box with a 4 pixel rgb(147, 53, 6) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 53, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 53, 6);  
box-shadow:4px 4px 4px 4px rgb(147, 53, 6)  
}
```

Background

The CSS property to change the background color of an element to YUV 75.7480, -34.3858, 62.4880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 53, 6) }
```

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

```
.background{ background-color: rgb(147, 53,  
6) }
```

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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