

Converting Colors

YUV(87.8730, -33.9544,
64.1324)

Have a look what the booklet for
YUV(87.8730, -33.9544, 64.1324)
contains.

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Color

**YUV(87.8730, -33.9544,
64.1324)**

Conversions

Conversions Part 1

Format	Color
Hex	A14013
RGB	161, 64, 19
RGB Percent	63%, 25%, 7%
CMY	0.3686, 0.7490, 0.9255
CMYK	0.00, 0.60, 0.88, 0.37
HSL	19°, 79%, 35%
HSV	19°, 88%, 63%
XYZ	16.6489, 11.2909, 1.9180
YIQ	87.8730, 72.2570, 6.5690

Conversions

Conversions Part 2

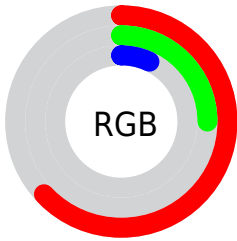
Format	Color
RYB	161, 85, 19
Decimal	10567699
CIELab	40.07, 38.10, 44.63
CIELCh	40, 58.676, 49.515
Yxy	11.2909, 0.5576, 0.3782
Android (android.graphics.Color)	4288757779 (0xFFA14013)
YUV	87.8730, -33.9544, 64.1324
Hunter-Lab	33.6019, 29.6389, 20.1371

Details

The YUV color **87.8730, -33.9544, 64.1324** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **92.1270, 33.9544, -64.1324**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.5210, -36.7389, 70.5801**, and **36.3680, -17.9294, 57.5593** is the 20% darker color. If you saturate the color by 10%, you get **79.5920, -37.7599, 71.3948**, and if you desaturate by 10%, it is **96.1540, -30.1489, 56.8699**.

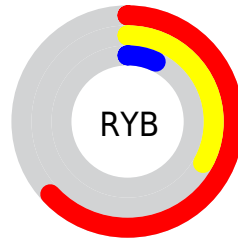
Distribution



Red (63%)

Green (25%)

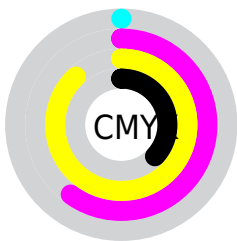
Blue (7%)



Red (63%)

Yellow (33%)

Blue (7%)

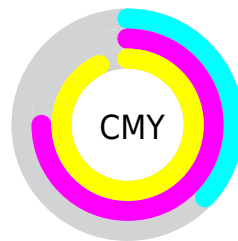


Cyan (0%)

Magenta (60%)

Yellow (88%)

Black (37%)



Cyan (37%)

Magenta (75%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.8730, -33.9544, 64.1324 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 87.8730, -33.9544, 64.1324 by changing the saturation by 10% instead.

87.8730, -33.9544,
64.1324

87.8730, -33.9544,
64.1324

255.0000, 0.0000,
0.0000

62.0620, -30.5966,
60.4586

141.5210,
-36.7389, 70.5801

36.3680, -17.9294,
57.5593

168.9020,
-37.9127, 73.7539

21.8270, -10.7607,
44.8787

188.7860,
-35.3905, 58.0697

14.8790, -6.3493,
29.9241


207.5990,
-31.8473, 41.5707


0.0000, 0.0000,
0.0000


227.7000,
-28.4461, 23.9421


247.9150,


-24.6081, 6.2135


 251.6940,
-12.6671, 2.8994


 87.8730, -33.9544,
64.1324


 87.8730, -33.9544,
64.1324

 79.5920, -37.7599,
71.3948


 96.1540, -30.1489,
56.8699

 78.0760, -38.4915,
72.7243

 104.4350,
-26.3435, 49.6075

 112.7160,
-22.5380, 42.3451

 120.9970,
-18.7325, 35.0826

 129.2780,
-14.9271, 27.8202

■ 137.6730,
-10.6848, 20.4578

■ 145.9540, -6.8793,
13.1953

■ 154.2350, -3.0739,
5.9329

■ 162.5160, 0.7316,
-1.3295

Harmonies

Analogous

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



83.9270, -8.8380, 81.6250



87.8730, -33.9544, 64.1324



89.0530, -43.9031, 35.0335

Triad

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



87.8730, -33.9544, 64.1324



75.4680, -0.2307, -66.1854



87.2010, 48.7079, -36.1333

Complementary

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



87.8730, -33.9544, 64.1324



92.1270, 33.9544, -64.1324

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.



83.1810, 52.1688, -72.9497



87.8730, -33.9544, 64.1324



81.7550, 21.3198, -71.6991

Square

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



87.8730, -33.9544, 64.1324



68.5020, -21.9395, -56.5683



85.3690, 40.2441, -74.8686



96.1190, 30.0143, 33.2216

Rectangle

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



87.8730, -33.9544, 64.1324



87.1380, -42.9590, 12.1570



85.3690, 40.2441, -74.8686



77.4250, 55.4995, -67.9017

Sweetspot

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



87.8730, -33.9544, 64.1324



181.1250, -12.8796, 24.4464



72.5160, 21.4376, 77.6005



87.7370, -7.7583, 15.1397



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



87.8730, -33.9544, 64.1324



101.2330, -49.9079, 94.5117



129.5500, -54.5011, 27.5817



77.4520, -2.1948, 3.9886



70.3570, -34.6860, 65.4619



8.9040, -4.3897, 7.9772

Inverse Universe

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



92.1270, 33.9544, -64.1324



107.7670, 49.9079, -94.5117



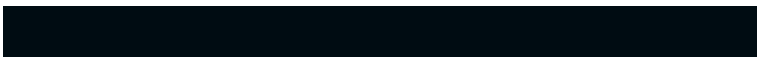
50.4500, 54.5012, -27.5816



77.5480, 2.1948, -3.9886



74.6430, 34.6860, -65.4619



9.0960, 4.3897, -7.9772

Previews

White Background



This preview shows how the YUV color 87.8730, -33.9544, 64.1324 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



This preview shows how the YUV color 87.8730, -33.9544, 64.1324 looks on a 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 87.8730, -33.9544, 64.1324

Background



This preview shows how black text looks on a background with the YUV color 87.8730, -33.9544, 64.1324.



This preview shows how white text looks on a background with the YUV color 87.8730, -33.9544,

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

87.8730, -33.9544, 64.1324

Protanopia

90.8360, -31.4711, 14.1758

Deuteranopia

88.7100, -43.7340, 27.4413



Tritanopia

90.8400, -13.7251, 62.4073

Trichromacy



Original Color

87.8730, -33.9544, 64.1324

Protanomaly

90.0170, -32.5464, 32.4341

Deuteranomaly

88.7100, -40.2830, 40.5963

Tritanomaly

89.6030, -21.0033, 63.4922

Monochromacy



Original Color

87.8730, -33.9544, 64.1324

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

87.9400, -12.2954, 23.7316

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.8730, -33.9544, 64.1324 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(161, 64, 19)` looks like.

```
.text, #text, p{  
    color:rgb(161, 64, 19)  
}
```

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(161, 64, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 64, 19) }
```

Border

The CSS property to change the border of an element to YUV 87.8730, -33.9544, 64.1324 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(161, 64, 19) }
```


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

```
.border{ border-color:rgb(161, 64, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 64, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 64, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 64, 19);  
box-shadow:4px 4px 4px 4px rgb(161, 64,  
19) }
```

Background

The CSS property to change the background color of an element to YUV 87.8730, -33.9544, 64.1324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 64, 19) }
```

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

```
.background{ background-color: rgb(161, 64,  
19) }
```

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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