

Converting Colors

YUV(87.8990, -10.3032, -8.6814)

Have a look what the booklet for
YUV(87.8990, -10.3032, -8.6814)
contains.

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Color

**YUV(87.8990, -10.3032,
-8.6814)**

Conversions

Conversions Part 1

Format	Color
Hex	4E6143
RGB	78, 97, 67
RGB Percent	31%, 38%, 26%
CMY	0.6941, 0.6196, 0.7373
CMYK	0.20, 0.00, 0.31, 0.62
HSL	98°, 18%, 32%
HSV	98°, 31%, 38%
XYZ	8.4297, 10.5743, 6.9069
YIQ	87.8990, -1.6940, -13.3580

Conversions

Conversions Part 2

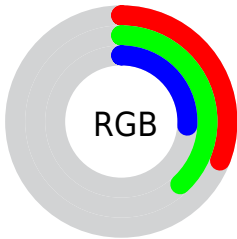
Format	Color
RYB	67, 97, 86
Decimal	5136707
CIELab	38.85, -13.46, 14.81
CIELCh	39, 20.016, 132.267
Yxy	10.5743, 0.3253, 0.4081
Android (android.graphics.Color)	4283326787 (0xFF4E6143)
YUV	87.8990, -10.3032, -8.6814
Hunter-Lab	32.5182, -10.6343, 10.1694

Details

The YUV color $87.8990, -10.3032, -8.6814$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $76.1010, 10.3032, 8.6814$, and the grayscale version is $88.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $138.2580, -11.4662, -8.9963$, and $42.5400, -9.1402, -8.3666$ is the 20% darker color. If you saturate the color by 10%, you get $84.9650, -13.7867, -11.3703$, and if you desaturate by 10%, it is $90.8330, -6.8197, -5.9925$.

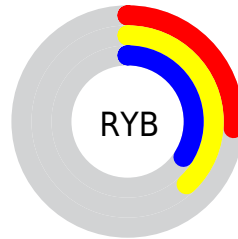
Distribution



Red (31%)

Green (38%)

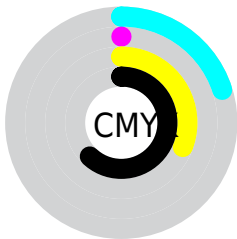
Blue (26%)



Red (26%)

Yellow (38%)

Blue (34%)

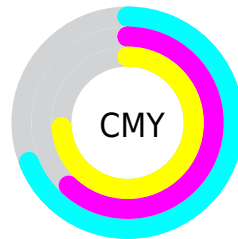


Cyan (20%)

Magenta (0%)

Yellow (31%)

Black (62%)



Cyan (69%)

Magenta (62%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.8990, -10.3032, -8.6814 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 87.8990, -10.3032, -8.6814 by changing the saturation by 10% instead.

87.8990, -10.3032,
-8.6814

87.8990, -10.3032,
-8.6814

255.0000, 0.0000,
0.0000

64.4260, -9.5770,
-8.2666

138.2580,
-11.4662, -8.9963

42.5400, -9.1402,
-8.3666

164.2580,
-11.4662, -8.9963

21.2090, -10.4560,
-6.3223

191.7310,
-12.1924, -9.4111

0.0000, 0.0000,
0.0000

219.4320,
-12.0450, -10.0259

245.8560,
-11.7610, -7.7667

254.5440, -1.7472,

0.3999

■ 87.8990, -10.3032,
-8.6814

■ 87.8990, -10.3032,
-8.6814

■ 84.9650, -13.7867,
-11.3703

■ 90.8330, -6.8197,
-5.9925

■ 82.1450, -16.8335,
-14.1592

■ 93.6530, -3.7729,
-3.2037

■ 79.2110, -20.3170,
-16.8480

■ 96.5870, -0.2894,
-0.5148

■ 75.9780, -23.6532,
-20.1517

■ 99.8200, 3.0467,
2.7889

■ 73.0440, -27.1367,
-22.8406

■ 102.6400, 6.0935,
5.5777

■ 70.2240, -30.1834,
-25.6294

■ 105.5740, 9.5770,
8.2666

■ 67.7030, -33.3776,
-27.8035

■ 108.5080, 13.0606,
10.9555

■ 111.4420, 16.5441,
13.6444

■ 114.2620, 19.5908,
16.4332

Harmonies

Analogous

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



90.1350, -14.8566, 5.1436



87.8990, -10.3032, -8.6814



85.5750, -2.2555, -23.3063

Triad

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



87.8990, -10.3032, -8.6814



87.0040, 17.2530, -27.1905



93.1390, -4.0125, 27.0651

Complementary

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



87.8990, -10.3032, -8.6814



76.1010, 10.3032, 8.6814

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.



93.5710, 4.1555, 20.5472



87.8990, -10.3032, -8.6814



91.3590, 15.5990, -9.9618

Square

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



87.8990, -10.3032, -8.6814



82.6560, 14.9596, -38.2863



93.6170, 11.0348, 7.3519



92.2930, -10.9904, 25.1760

Rectangle

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



87.8990, -10.3032, -8.6814



83.2410, 4.3182, -31.7834



93.6170, 11.0348, 7.3519



93.5240, -1.2443, 25.8505

Sweetspot

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



87.8990, -10.3032, -8.6814



121.6530, -3.7729, -3.2037



87.1230, -9.9206, 8.6621



61.7070, -2.3206, -2.3740



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.



87.8990, -10.3032, -8.6814



111.0850, -15.8179, -13.2295



85.0660, -6.9345, -15.8439



46.6470, -1.3050, -1.4444



78.0030, -38.4555, -32.4516



167.1920, -82.4257, -69.4514

Inverse Universe

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



76.1010, 10.3032, 8.6814



92.9150, 15.8179, 13.2295



78.9340, 6.9345, 15.8439



45.3530, 1.3050, 1.4444



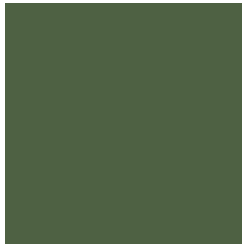
33.9970, 38.4555, 32.4516



72.8080, 82.4257, 69.4514

Previews

White Background



This preview shows how the YUV color 87.8990, -10.3032, -8.6814 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 87.8990, -10.3032, -8.6814 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

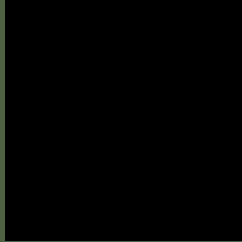
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.8990, -10.3032, -8.6814

Background



This preview shows how black text looks on a background with the YUV color 87.8990, -10.3032, -8.6814.



This preview shows how white text looks on a background with the YUV color 87.8990, -10.3032, -8.6814.

-8.6814.

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

87.8990, -10.3032, -8.6814

Protanopia

90.1290, -12.3886, 6.9029

Deuteranopia

91.5150, -11.0999, 13.5803



Tritanopia

90.8080, 4.5317, -6.8476

Trichromacy



Original Color

87.8990, -10.3032, -8.6814

Protanomaly

89.3240, -11.4987, 1.4699

Deuteranomaly

89.8730, -10.7834, 5.3734

Tritanomaly

89.4290, -0.7045, -7.3922

Monochromacy



Original Color

87.8990, -10.3032, -8.6814

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

87.6530, -3.7729, -3.2037

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.8990, -10.3032, -8.6814 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(78, 97, 67)` looks like.

```
.text, #text, p{  
    color:rgb(78, 97, 67)  
}
```

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(78, 97, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 97, 67) }
```

Border

The CSS property to change the border of an element to YUV 87.8990, -10.3032, -8.6814 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(78, 97, 67) }
```


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

```
.border{ border-color:rgb(78, 97, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 97, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 97, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 97, 67);  
box-shadow:4px 4px 4px 4px rgb(78, 97, 67)  
}
```

Background

The CSS property to change the background color of an element to YUV 87.8990, -10.3032, -8.6814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 97, 67) }
```

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

```
.background{ background-color: rgb(78, 97,  
67) }
```

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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