

Converting Colors

YUV(87.1980, -17.3526,
-34.3766)

Have a look what the booklet for
YUV(87.1980, -17.3526, -34.3766)
contains.

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Color

**YUV(87.1980, -17.3526,
-34.3766)**

Conversions

Conversions Part 1

Format	Color
Hex	307234
RGB	48, 114, 52
RGB Percent	19%, 45%, 20%
CMY	0.8118, 0.5529, 0.7961
CMYK	0.58, 0.00, 0.54, 0.55
HSL	124°, 41%, 32%
HSV	124°, 58%, 45%
XYZ	7.8561, 12.9109, 5.3268
YIQ	87.1980, -19.4340, -33.2740

Conversions

Conversions Part 2

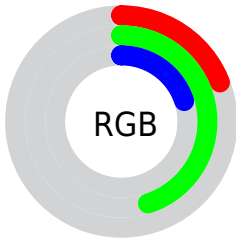
Format	Color
R_{YB}	48, 110, 114
Decimal	3174964
CIE _{Lab}	42.63, -34.91, 27.94
CIE _{LCh}	43, 44.712, 141.331
Yxy	12.9109, 0.3011, 0.4948
Android (android.graphics.Color)	4281365044 (0xFF307234)
YUV	87.1980, -17.3526, -34.3766
Hunter-Lab	35.9318, -23.8537, 16.3626

Details

The YUV color **87.1980, -17.3526, -34.3766** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **74.8020, 17.3526, 34.3766**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.6280, -19.5366, -33.8768**, and **38.7250, -16.6264, -33.9618** is the 20% darker color. If you saturate the color by 10%, you get **82.6550, -20.5359, -40.0394**, and if you desaturate by 10%, it is **91.7410, -14.1693, -28.7139**.

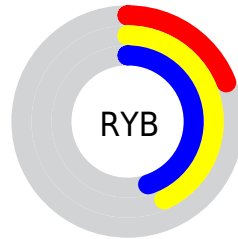
Distribution



Red (19%)

Green (45%)

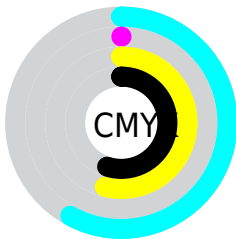
Blue (20%)



Red (19%)

Yellow (43%)

Blue (45%)

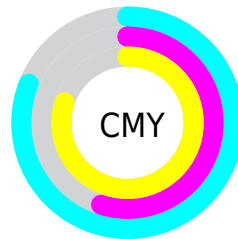


Cyan (58%)

Magenta (0%)

Yellow (54%)

Black (55%)



Cyan (81%)

Magenta (55%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.1980, -17.3526, -34.3766 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 87.1980, -17.3526, -34.3766 by changing the saturation by 10% instead.

87.1980, -17.3526,
-34.3766

87.1980, -17.3526,
-34.3766

255.0000, 0.0000,
0.0000

60.9310, -15.7420,
-37.6505

139.6280,
-19.5366, -33.8768

38.7250, -16.6264,
-33.9618

166.1010,
-20.2628, -34.2916

24.6540, -12.1544,
-21.6216

193.6880,
-20.5522, -34.8064

9.9790, -4.9196,
-8.7516

222.1610,
-21.2784, -35.2212

0.0000, 0.0000,
0.0000

235.9590,
-14.7698, -22.7660

247.9360, -6.3774,

-7.8369

■ 87.1980, -17.3526,
-34.3766

■ 87.1980, -17.3526,
-34.3766

■ 82.6550, -20.5359,
-40.0394

■ 91.7410, -14.1693,
-28.7139

■ 77.9270, -23.1350,
-46.4170

■ 96.4690, -11.5702,
-22.3363

■ 73.3840, -26.3183,
-52.0798

■ 101.0120, -8.3869,
-16.6735

■ 68.5420, -29.3542,
-58.3573

■ 105.8540, -5.3510,
-10.3960

■ 67.7160, -29.9330,
-59.3869

■ 110.3970, -2.1677,
-4.7332

■ 114.8260, 0.5788,
1.0296

■ 119.6680, 3.6147,
7.3072

■ 124.2110, 6.7980,
12.9700

■ 128.9390, 9.3971,
19.3475

Harmonies

Analogous

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



93.7650, -33.9011, 0.2061



87.1980, -17.3526, -34.3766



79.2980, 4.2901, -69.5443

Triad

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



87.1980, -17.3526, -34.3766



83.2320, 44.7486, -72.9945



98.5130, -11.0989, 60.0631

Complementary

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



87.1980, -17.3526, -34.3766



74.8020, 17.3526, 34.3766

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.



100.6490, 6.0890, 53.8048



87.1980, -17.3526, -34.3766



99.6630, 34.6761, -15.4905

Square

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



87.1980, -17.3526, -34.3766



85.5170, 35.7341, -74.9984



103.4960, 21.4475, 27.6290



98.3210, -26.7803, 49.7075

Rectangle

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



87.1980, -17.3526, -34.3766



82.2620, 15.6468, -72.1438



103.4960, 21.4475, 27.6290



99.0060, -5.4260, 60.5077

Sweetspot

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



87.1980, -17.3526, -34.3766



137.7890, -6.7980, -12.9700



105.5790, -28.3864, 4.7542



67.9190, -3.9041, -7.8220



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



87.1980, -17.3526, -34.3766



106.5580, -26.8971, -53.1094



90.8460, -3.3751, -37.5759



53.6360, -1.2995, -3.1888



71.2380, -31.6693, -62.4757



146.6990, -64.9276, -128.6550

Inverse Universe

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



74.8020, 17.3526, 34.3766



87.4420, 26.8971, 53.1094



71.1540, 3.3751, 37.5759



52.4780, 1.7363, 3.0888



48.7620, 31.6693, 62.4757



100.3010, 64.9276, 128.6550

Previews

White Background



This preview shows how the YUV color 87.1980, -17.3526, -34.3766 looks on a white background.

Color Contrast Check

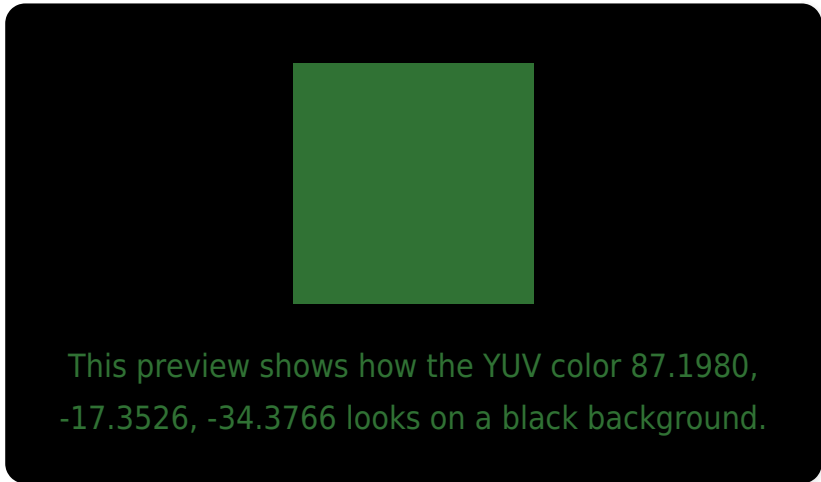
Large Text (above 18pt) WCAG AA ✓ Pass

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

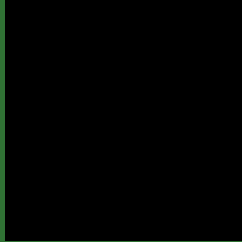
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.1980, -17.3526, -34.3766

Background



This preview shows how black text looks on a background with the YUV color 87.1980, -17.3526, -34.3766.



This preview shows how white text looks on a background with the YUV color 87.1980, -17.3526, -34.3766.

-34.3766.

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

87.1980, -17.3526, -34.3766

Protanopia

97.3610, -24.3350, 11.9614

Deuteranopia

99.3280, -20.8677, 19.8833



Tritanopia

94.8700, 10.4171, -27.9500

Trichromacy



Original Color

87.1980, -17.3526, -34.3766

Protanomaly

93.5330, -21.9548, -4.8524

Deuteranomaly

95.1360, -19.7870, -0.1193

Tritanomaly

92.5140, 0.2396, -30.2688

Monochromacy



Original Color

87.1980, -17.3526, -34.3766

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

87.2020, -6.5086, -12.4552

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.1980, -17.3526, -34.3766 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(48, 114, 52)` looks like.

```
.text, #text, p{  
    color:rgb(48, 114, 52)  
}
```

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(48, 114, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 114, 52) }
```

Border

The CSS property to change the border of an element to YUV 87.1980, -17.3526, -34.3766 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(48, 114, 52) }
```


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

```
.border{ border-color:rgb(48, 114, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 114, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 114, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 114, 52);  
box-shadow:4px 4px 4px 4px rgb(48, 114,  
52) }
```

Background

The CSS property to change the background color of an element to YUV 87.1980, -17.3526, -34.3766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 114, 52) }
```

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

```
.background{ background-color: rgb(48, 114,  
52) }
```

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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