

Converting Colors

YUV(87.5350, -1.7428, -47.8272)

Have a look what the booklet for
YUV(87.5350, -1.7428, -47.8272)
contains.

YUV(87.5350, -1.7428, -47.8272)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(87.5350, -1.7428,
-47.8272)**

Conversions

Conversions Part 1

Format	Color
Hex	217454
RGB	33, 116, 84
RGB Percent	13%, 45%, 33%
CMY	0.8706, 0.5451, 0.6706
CMYK	0.72, 0.00, 0.28, 0.55
HSL	157°, 56%, 29%
HSV	157°, 72%, 45%
XYZ	8.4728, 13.4542, 10.5379
YIQ	87.5350, -39.1960, -27.5480

Conversions

Conversions Part 2

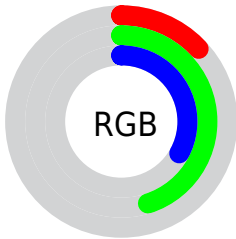
Format	Color
R_YB	33, 84, 116
Decimal	2192468
CIE _{Lab}	43.44, -32.85, 10.66
CIE _{LCh}	43, 34.534, 162.025
Y _{xy}	13.4542, 0.2610, 0.4144
Android (android.graphics.Color)	4280382548 (0xFF217454)
YUV	87.5350, -1.7428, -47.8272
Hunter-Lab	36.6800, -22.9577, 8.6424

Details

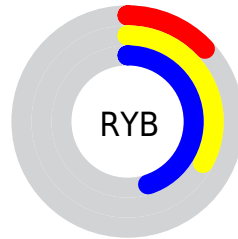
The YUV color **87.5350, -1.7428, -47.8272** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **61.4650, 1.7428, 47.8272**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.0900, -3.4954, -45.6829**, and **43.7750, -2.3541, -38.3907** is the 20% darker color. If you saturate the color by 10%, you get **83.4910, -1.7211, -54.8046**, and if you desaturate by 10%, it is **91.5790, -1.7644, -40.8498**.

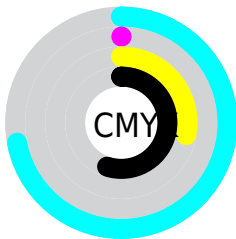
Distribution



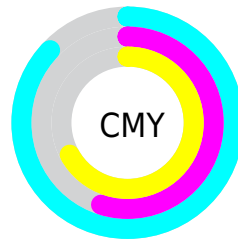
- Red (13%)
- Green (45%)
- Blue (33%)



- Red (13%)
- Yellow (33%)
- Blue (45%)



- Cyan (72%)
- Magenta (0%)
- Yellow (28%)
- Black (55%)



- Cyan (87%)
- Magenta (55%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.5350, -1.7428, -47.8272 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 87.5350, -1.7428, -47.8272 by changing the saturation by 10% instead.

■ 87.5350, -1.7428,
-47.8272

■ 87.5350, -1.7428,
-47.8272

255.0000, 0.0000,
0.0000

■ 60.3710, 0.3101,
-52.9454

■ 141.0900, -3.4954,
-45.6829

■ 43.7750, -2.3541,
-38.3907

■ 167.9760, -3.9322,
-45.5830

■ 27.8800, -4.8708,
-24.4508

■ 195.8620, -4.3690,
-45.4830

■ 11.7400, -5.7878,
-10.2960

■ 224.1500, -4.5109,
-46.6125

■ 0.0000, 0.0000,
0.0000

■ 237.1870, 2.8658,
-32.6130

■ 247.2260, 3.8326,

-15.9842

■ 87.5350, -1.7428,
-47.8272

■ 87.5350, -1.7428,
-47.8272

■ 83.4910, -1.7211,
-54.8046

■ 91.5790, -1.7644,
-40.8498

■ 79.6320, -2.2836,
-61.0673

■ 95.4380, -1.2019,
-34.5871

■ 76.1860, -2.5567,
-66.8151

■ 99.4820, -1.2236,
-27.6097

■ 103.3410, -0.6611,
-21.3471

■ 107.3850, -0.6828,
-14.3696

■ 111.5430, -0.2677,
-7.4922

■ 115.2880, -0.1420,
-1.1296

■ 119.4460, 0.2731,
5.7479

■ 123.1910, 0.3988,
12.1105

Harmonies

Analogous

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



95.4930, -17.9910, -16.2184



87.5350, -1.7428, -47.8272



81.6750, 15.9362, -71.6290

Triad

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



87.5350, -1.7428, -47.8272



100.6100, 28.2933, -21.5830



102.5680, -18.0280, 42.4749

Complementary

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



87.5350, -1.7428, -47.8272



61.4650, 1.7428, 47.8272

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.



103.8040, -5.8194, 46.6529



87.5350, -1.7428, -47.8272



105.8270, 19.3123, 12.4297

Square

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



87.5350, -1.7428, -47.8272



82.4680, 36.7443, -72.3244



105.2940, 7.7431, 36.5762



101.3030, -26.2784, 28.6753

Rectangle

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



87.5350, -1.7428, -47.8272



83.1400, 24.0880, -72.9138



105.2940, 7.7431, 36.5762



102.9150, -14.2551, 45.6785

Sweetspot

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



87.5350, -1.7428, -47.8272



139.3630, -0.6720, -17.8584



91.5880, -28.8839, -22.4407



70.1080, -0.5462, -11.4957



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.



87.5350, -1.7428, -47.8272



105.8430, -2.3876, -74.4073



86.4870, 14.5499, -46.9081



56.8640, -0.4260, -3.3887



80.1640, -2.5459, -70.3038



164.3060, -5.0809, -144.0964

Inverse Universe

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



61.4650, 1.7428, 47.8272



65.2710, 2.8244, 74.3073



62.5130, -14.5499, 46.9081



55.0220, -0.0108, 3.4887



41.8360, 2.5459, 70.3038



85.6940, 5.0809, 144.0964

Previews

White Background



This preview shows how the YUV color 87.5350, -1.7428, -47.8272 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 87.5350, -1.7428, -47.8272 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 87.5350, -1.7428, -47.8272

Background



This preview shows how black text looks on a background with the YUV color 87.5350, -1.7428, -47.8272.



This preview shows how white text looks on a background with the YUV color 87.5350, -1.7428,

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

87.5350, -1.7428, -47.8272

Protanopia

101.2430, -11.9518, 6.8029

Deuteranopia

102.5410, -7.1687, 12.6805



Tritanopia

93.4880, 13.0704, -39.0160

Trichromacy



Original Color

87.5350, -1.7428, -47.8272

Protanomaly

96.1480, -7.9610, -13.2848

Deuteranomaly

97.2670, -5.0616, -9.8812

Tritanomaly

91.3860, 7.6977, -42.4345

Monochromacy



Original Color

87.5350, -1.7428, -47.8272

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

87.7760, -0.3826, -17.3436

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.5350, -1.7428, -47.8272 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(33, 116, 84)` looks like.

```
.text, #text, p{  
    color:rgb(33, 116, 84)  
}
```

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(33, 116, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 116, 84) }
```

Border

The CSS property to change the border of an element to YUV 87.5350, -1.7428, -47.8272 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(33, 116, 84) }
```


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

```
.border{ border-color:rgb(33, 116, 84) }
```

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

Here you see how a box with a 4 pixel rgb(33, 116, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 116, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 116, 84);  
box-shadow:4px 4px 4px 4px rgb(33, 116,  
84) }
```

Background

The CSS property to change the background color of an element to YUV 87.5350, -1.7428, -47.8272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 116, 84) }
```

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

```
.background{ background-color: rgb(33, 116,  
84) }
```

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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