

Converting Colors

YUV(86.6490, -14.6170,
-25.1252)

Have a look what the booklet for
YUV(86.6490, -14.6170, -25.1252)
contains.

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Color

**YUV(86.6490, -14.6170,
-25.1252)**

Conversions

Conversions Part 1

Format	Color
Hex	3A6B39
RGB	58, 107, 57
RGB Percent	23%, 42%, 22%
CMY	0.7725, 0.5804, 0.7765
CMYK	0.46, 0.00, 0.47, 0.58
HSL	119°, 30%, 32%
HSV	119°, 47%, 42%
XYZ	7.7411, 11.7103, 5.7232
YIQ	86.6490, -13.1540, -25.9380

Conversions

Conversions Part 2

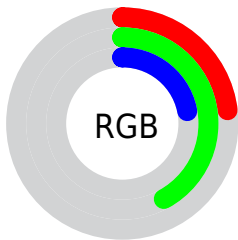
Format	Color
RYB	57, 107, 106
Decimal	3828537
CIELab	40.75, -27.89, 22.93
CIELCh	41, 36.104, 140.572
Yxy	11.7103, 0.3075, 0.4652
Android (android.graphics.Color)	4282018617 (0xFF3A6B39)
YUV	86.6490, -14.6170, -25.1252
Hunter-Lab	34.2204, -19.5064, 14.0383

Details

The YUV color **86.6490, -14.6170, -25.1252** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **77.3510, 14.6170, 25.1252**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.5950, -16.0693, -25.9548**, and **37.6100, -12.1327, -28.5990** is the 20% darker color. If you saturate the color by 10%, you get **82.4050, -17.9477, -30.1732**, and if you desaturate by 10%, it is **90.8930, -11.2862, -20.0772**.

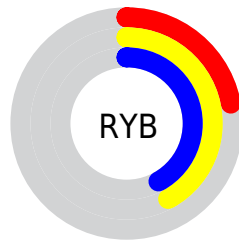
Distribution



Red (23%)

Green (42%)

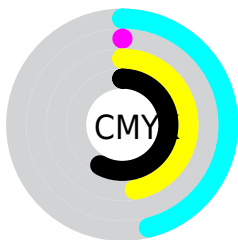
Blue (22%)



Red (22%)

Yellow (42%)

Blue (42%)

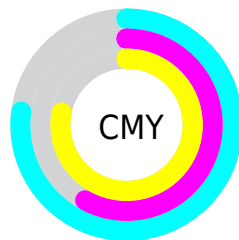


Cyan (46%)

Magenta (0%)

Yellow (47%)

Black (58%)



Cyan (77%)

Magenta (58%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.6490, -14.6170, -25.1252 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 86.6490, -14.6170, -25.1252 by changing the saturation by 10% instead.

■ 86.6490, -14.6170,
-25.1252

■ 86.6490, -14.6170,
-25.1252

255.0000, 0.0000,
0.0000

■ 61.9910, -13.3066,
-25.4251

■ 137.5950,
-16.0693, -25.9548

■ 37.6100, -12.1327,
-28.5990

■ 164.0680,
-16.7955, -26.3696

■ 21.7190, -10.7075,
-19.0476

■ 191.6550,
-17.0849, -26.8844

■ 2.9350, -1.4470,
-2.5740

■ 219.5410,
-17.5217, -26.7845

■ 0.0000, 0.0000,
0.0000

■ 238.6220,
-13.6176, -18.9625

■ 250.5990, -5.2253,

-4.0333

■ 86.6490, -14.6170,
-25.1252

■ 86.6490, -14.6170,
-25.1252

■ 82.4050, -17.9477,
-30.1732

■ 90.8930, -11.2862,
-20.0772

■ 77.9760, -20.6942,
-35.9360

■ 95.3220, -8.5397,
-14.3144

■ 73.7320, -24.0249,
-40.9840

■ 99.5660, -5.2090,
-9.2664

■ 69.1890, -27.2082,
-46.6468

■ 104.1090, -2.0257,
-3.6036

■ 64.9450, -30.5389,
-51.6948

■ 108.2390, 0.8682,
1.5444

■ 63.4070, -31.2597,
-53.8539

■ 112.7820, 4.0515,
7.2072

■ 117.0260, 7.3822,
12.2552

■ 121.5690, 10.5655,
17.9180

■ 125.6990, 13.4594,
23.0660

Harmonies

Analogous

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



91.4260, -26.3390, 1.3804



86.6490, -14.6170, -25.1252



74.2600, 5.2948, -65.1260

Triad

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



86.6490, -14.6170, -25.1252



77.4300, 37.7490, -67.9061



96.1910, -9.4612, 48.0675

Complementary

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



86.6490, -14.6170, -25.1252



77.3510, 14.6170, 25.1252

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.



97.5290, 4.6692, 42.5091



86.6490, -14.6170, -25.1252



95.7360, 27.2452, -12.0465

Square

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



86.6490, -14.6170, -25.1252



79.4700, 30.3343, -69.6952



99.0130, 17.2486, 21.0366



95.2320, -21.8064, 41.0155

Rectangle

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



86.6490, -14.6170, -25.1252



77.2410, 14.1782, -67.7404



99.0130, 17.2486, 21.0366



96.1570, -4.5144, 48.0973

Sweetspot

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



86.6490, -14.6170, -25.1252



132.1530, -5.4984, -9.7812



100.1260, -21.2611, 6.0285



66.3430, -3.6201, -5.5628



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



86.6490, -14.6170, -25.1252



108.0850, -22.7199, -39.5395



88.9720, -4.4232, -28.0394



51.5220, -1.7363, -3.0888



69.2770, -34.1536, -59.0019



145.3100, -71.6378, -123.0519

Inverse Universe

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



77.3510, 14.6170, 25.1252



93.9150, 22.7199, 39.5395



75.0280, 4.4232, 28.0394



50.1790, 1.8838, 2.4740



47.7230, 34.1536, 59.0019



99.6900, 71.6378, 123.0519

Previews

White Background



This preview shows how the YUV color 86.6490, -14.6170, -25.1252 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 86.6490, -14.6170, -25.1252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

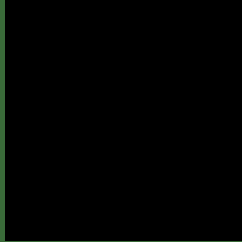
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.6490, -14.6170, -25.1252

Background



This preview shows how black text looks on a background with the YUV color 86.6490, -14.6170, -25.1252.



This preview shows how white text looks on a background with the YUV color 86.6490, -14.6170,

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

86.6490, -14.6170, -25.1252

Protanopia

93.7890, -20.1090, 9.8320

Deuteranopia

94.7560, -16.6417, 17.7540



Tritanopia

92.3440, 8.2114, -20.4727

Trichromacy



Original Color

86.6490, -14.6170, -25.1252

Protanomaly

91.1680, -18.3238, -2.7783

Deuteranomaly

91.8850, -15.7193, 1.8549

Tritanomaly

90.1560, -0.0769, -22.0618

Monochromacy



Original Color

86.6490, -14.6170, -25.1252

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.5660, -5.2090, -9.2664

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.6490, -14.6170, -25.1252 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(58, 107, 57)` looks like.

```
.text, #text, p{  
    color:rgb(58, 107, 57)  
}
```

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(58, 107, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 107, 57) }
```

Border

The CSS property to change the border of an element to YUV 86.6490, -14.6170, -25.1252 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(58, 107, 57) }
```


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

```
.border{ border-color:rgb(58, 107, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 107, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 107, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 107, 57);  
box-shadow:4px 4px 4px 4px rgb(58, 107,  
57) }
```

Background

The CSS property to change the background color of an element to YUV 86.6490, -14.6170, -25.1252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 107, 57) }
```

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

```
.background{ background-color: rgb(58, 107,  
57) }
```

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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