

Converting Colors

YUV(87.2490, -14.4198, 5.0436)

Have a look what the booklet for
YUV(87.2490, -14.4198, 5.0436)
contains.

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Color

**YUV(87.2490, -14.4198,
5.0436)**

Conversions

Conversions Part 1

Format	Color
Hex	5D5A3A
RGB	93, 90, 58
RGB Percent	36%, 35%, 23%
CMY	0.6353, 0.6471, 0.7725
CMYK	0.00, 0.03, 0.38, 0.64
HSL	55°, 23%, 30%
HSV	55°, 38%, 36%
XYZ	8.9341, 9.9450, 5.4517
YIQ	87.2490, 12.0600, -9.3160

Conversions

Conversions Part 2

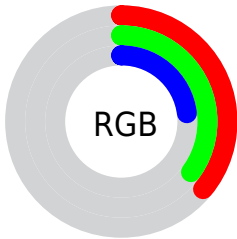
Format	Color
RYB	61, 93, 58
Decimal	6117946
CIELab	37.74, -4.31, 18.95
CIElCh	38, 19.432, 102.827
Yxy	9.9450, 0.3672, 0.4087
Android (android.graphics.Color)	4284308026 (0xFF5D5A3A)
YUV	87.2490, -14.4198, 5.0436
Hunter-Lab	31.5357, -4.6181, 11.8253

Details

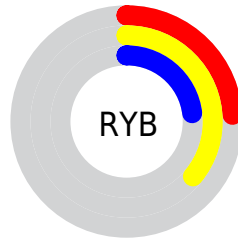
The YUV color **87.2490, -14.4198, 5.0436** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **63.7510, 14.4198, -5.0436**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.3200, -15.4408, 5.8584**, and **41.8790, -13.2513, 3.6141** is the 20% darker color. If you saturate the color by 10%, you get **85.6360, -18.0615, 6.4582**, and if you desaturate by 10%, it is **88.8620, -10.7780, 3.6290**.

Distribution



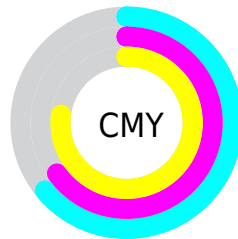
- Red (36%)
- Green (35%)
- Blue (23%)



- Red (24%)
- Yellow (36%)
- Blue (23%)



- Cyan (0%)
- Magenta (3%)
- Yellow (38%)
- Black (64%)



- Cyan (64%)
- Magenta (65%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.2490, -14.4198, 5.0436 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 87.2490, -14.4198, 5.0436 by changing the saturation by 10% instead.

■ 87.2490, -14.4198,
5.0436

■ 87.2490, -14.4198,
5.0436

■ 255.0000, 0.0000,
0.0000

■ 64.0640, -13.8356,
4.3289

■ 137.3200,
-15.4408, 5.8584

■ 41.8790, -13.2513,
3.6141

■ 163.5050,
-16.0250, 6.5731

■ 21.5630, -10.6306,
3.0142

■ 190.3910,
-16.4618, 6.6731

■ 0.0000, 0.0000,
0.0000

■ 218.2770,
-16.8986, 6.7731

■ 247.1630,
-17.3354, 6.8730

■ 253.2900, -6.5520,

1.4997

■ 87.2490, -14.4198,
5.0436

■ 87.2490, -14.4198,
5.0436

■ 85.6360, -18.0615,
6.4582

■ 88.8620, -10.7780,
3.6290

■ 83.9090, -22.1401,
7.9728

■ 90.5890, -6.6994,
2.1144

■ 82.8830, -26.0713,
8.8726

■ 91.6150, -2.7682,
1.2146

■ 81.2700, -29.7131,
10.2872

■ 93.2280, 0.8736,
-0.2000

■ 79.6570, -33.3549,
11.7018

■ 94.9550, 4.9522,
-1.7145

■ 77.9300, -37.4335,
13.2164

■ 96.5680, 8.5940,
-3.1291

■ 77.7020, -38.3071,
13.4163

■ 98.1810, 12.2358,
-4.5437

■ 99.2070, 16.1669,
-5.4435

■ 100.9340, 20.2455,
-6.9581

Harmonies

Analogous

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



88.9130, -14.7471, 16.7393



87.2490, -14.4198, 5.0436



85.0130, -9.8664, -8.7814

Triad

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



87.2490, -14.4198, 5.0436



80.2540, 14.6648, -37.0568



91.0440, 3.4293, 20.1324

Complementary

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



87.2490, -14.4198, 5.0436



63.7510, 14.4198, -5.0436

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.



90.5030, 10.5980, 7.4519



87.2490, -14.4198, 5.0436



84.4880, 16.5214, -25.8610

Square

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



87.2490, -14.4198, 5.0436



80.0280, 7.3812, -34.2276



88.5440, 15.0148, -9.2471



90.5410, -3.7177, 25.8355

Rectangle

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



87.2490, -14.4198, 5.0436



83.6250, -4.7451, -18.0881



88.5440, 15.0148, -9.2471



91.0050, 5.9135, 16.6586

Sweetspot

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



87.2490, -14.4198, 5.0436



117.9310, -5.3890, 1.8145



68.9210, -3.4121, 21.1173



60.0880, -3.4944, 0.7998



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



87.2490, -14.4198, 5.0436



110.9090, -22.1401, 7.9728



84.8240, -13.2242, -5.1076



45.4300, -2.1840, 0.4999



91.5900, -45.1539, 16.1456



198.2420, -97.7333, 33.9908

Inverse Universe

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



63.7510, 14.4198, -5.0436



75.0910, 22.1401, -7.9728



66.1760, 13.2242, 5.1076



42.1570, 1.8946, -1.0147



17.8230, 45.4433, -15.6308



38.7580, 97.7333, -33.9908

Previews

White Background



This preview shows how the YUV color 87.2490, -14.4198, 5.0436 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 ✓ Pass

Black Background



This preview shows how the YUV color 87.2490, -14.4198, 5.0436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

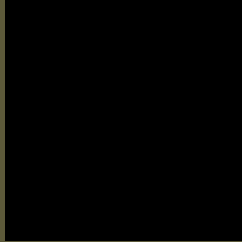
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.2490, -14.4198, 5.0436

Background



This preview shows how black text looks on a background with the YUV color 87.2490, -14.4198, 5.0436.

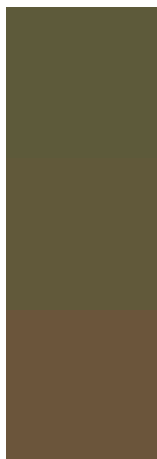


This preview shows how white text looks on a background with the YUV color 87.2490, -14.4198,

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

87.2490, -14.4198, 5.0436

Protanopia

87.8580, -14.7200, 8.0175

Deuteranopia

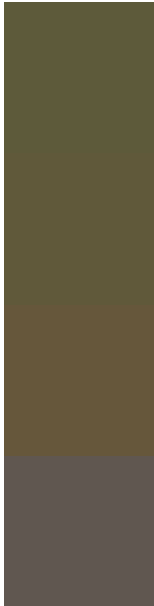
88.6140, -14.5997, 16.1245



Tritanopia

89.9730, 0.9993, 6.1627

Trichromacy



Original Color

87.2490, -14.4198, 5.0436

Protanomaly

87.5590, -14.5726, 7.4028

Deuteranomaly

88.2930, -14.4414, 12.0210

Tritanomaly

88.8930, -4.3842, 6.2328

Monochromacy



Original Color

87.2490, -14.4198, 5.0436

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.9310, -5.3890, 1.8145

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.2490, -14.4198, 5.0436 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(93, 90, 58)` looks like.

```
.text, #text, p{  
    color:rgb(93, 90, 58)  
}
```

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(93, 90, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 90, 58) }
```

Border

The CSS property to change the border of an element to YUV 87.2490, -14.4198, 5.0436 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(93, 90, 58) }
```


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

```
.border{ border-color:rgb(93, 90, 58) }
```

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

Here you see how a box with a 4 pixel rgb(93, 90, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 90, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 90, 58);  
box-shadow:4px 4px 4px 4px rgb(93, 90, 58)  
}
```

Background

The CSS property to change the background color of an element to YUV 87.2490, -14.4198, 5.0436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 90, 58) }
```

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

```
.background{ background-color: rgb(93, 90,  
58) }
```

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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