

Converting Colors

YUV(112.5410, -0.7597,
-36.4315)

Have a look what the booklet for
YUV(112.5410, -0.7597, -36.4315)
contains.

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Color

**YUV(112.5410, -0.7597,
-36.4315)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 47866F |
| RGB | 71, 134, 111 |
| RGB Percent | 28%, 53%, 44% |
| CMY | 0.7216, 0.4745, 0.5647 |
| CMYK | 0.47, 0.00, 0.17, 0.47 |
| HSL | 158°, 31%, 40% |
| HSV | 158°, 47%, 53% |
| XYZ | 13.9929, 19.5375, 18.0725 |
| YIQ | 112.5410, -30.1650, -20.5090 |

Conversions

Conversions Part 2

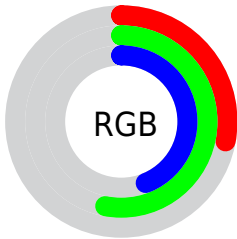
| Format | Color |
|-------------------------------------|---|
| RYB | 71, 110, 134 |
| Decimal | 4687471 |
| CIELab | 51.31, -26.12, 6.14 |
| CIELCh | 51, 26.828, 166.772 |
| Yxy | 19.5375, 0.2712, 0.3786 |
| Android (android.graphics.Color) | 4282877551 (0xFF47866F) |
| YUV | 112.5410, -0.7597, -36.4315 |
| Hunter-Lab | 44.2012, -20.8440, 6.6990 |

Details

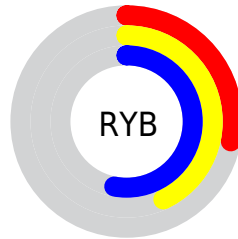
The YUV color **112.5410, -0.7597, -36.4315** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **92.4590, 0.7597, 36.4315**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.7150, -1.3385, -37.4611**, and **61.2740, 0.8509, -39.7053** is the 20% darker color. If you saturate the color by 10%, you get **108.0840, -1.0274, -43.9237**, and if you desaturate by 10%, it is **116.9980, -0.4920, -28.9392**.

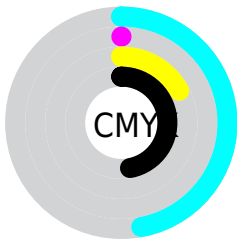
Distribution



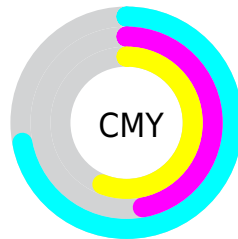
- Red (28%)
- Green (53%)
- Blue (44%)



- Red (28%)
- Yellow (43%)
- Blue (53%)



- Cyan (47%)
- Magenta (0%)
- Yellow (17%)
- Black (47%)



- Cyan (72%)
- Magenta (47%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.5410, -0.7597, -36.4315 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 112.5410, -0.7597, -36.4315 by changing the saturation by 10% instead.

■ 112.5410, -0.7597,
-36.4315

■ 112.5410, -0.7597,
-36.4315

■ 255.0000, 0.0000,
0.0000

■ 86.7690, 0.1139,
-36.6314

■ 165.7150, -1.3385,
-37.4611

■ 61.2740, 0.8509,
-39.7053

■ 192.7150, -1.3385,
-37.4611

■ 39.8940, 0.5453,
-34.9870

■ 221.1880, -2.0647,
-37.8759

■ 24.7000, -1.8241,
-21.6619

■ 239.3230, 3.2918,
-29.2243

■ 5.2830, -2.6045,
-4.6332

■ 248.7210, 3.0955,
-12.9103

■ 0.0000, 0.0000,
0.0000

■ 112.5410, -0.7597,
-36.4315

■ 112.5410, -0.7597,
-36.4315

■ 108.0840, -1.0274,
-43.9237

■ 116.9980, -0.4920,
-28.9392

■ 103.3280, -1.1477,
-52.0307

■ 121.7540, -0.3717,
-20.8323

■ 98.8710, -1.4154,
-59.5229

■ 126.2110, -0.1040,
-13.3400

■ 94.1150, -1.5357,
-67.6299

■ 130.9670, 0.0163,
-5.2331

■ 89.7720, -1.3666,
-75.2220

■ 135.3100, -0.1528,
2.3591

■ 88.3480, -1.6506,
-77.4812

■ 139.7670, 0.1149,
9.8513

■ 144.5230, 0.2352,
17.9583

■ 148.9800, 0.5029,

25.4505

■ 153.7360, 0.6232,
33.5575

Harmonies

Analogous

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



116.7580, -13.1917, -15.5738



112.5410, -0.7597, -36.4315



108.0900, 13.2666, -55.3299

Triad

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



112.5410, -0.7597, -36.4315



122.5530, 21.4194, -10.1320



123.2680, -16.4011, 33.9680

Complementary

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



112.5410, -0.7597, -36.4315



92.4590, 0.7597, 36.4315

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.



124.4070, -7.1027, 38.2311



112.5410, -0.7597, -36.4315



125.4590, 14.0707, 13.6295

Square

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



112.5410, -0.7597, -36.4315



115.5990, 24.8477, -36.4823



125.5230, 3.6862, 31.1133



121.5240, -21.4573, 22.3425

Rectangle

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



112.5410, -0.7597, -36.4315



107.6040, 20.4082, -59.2887



125.5230, 3.6862, 31.1133



123.6750, -13.6438, 36.2420

Sweetspot

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



112.5410, -0.7597, -36.4315



164.9120, 0.0434, -13.9548



114.8580, -21.6220, -18.2925



81.8310, -0.4097, -8.6218



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



112.5410, -0.7597, -36.4315



140.0070, -0.9895, -56.1341



110.4670, 11.6018, -34.6126



63.9780, 0.0108, -3.4887



85.7720, -1.3666, -75.2220



1.9890, 0.0054, -1.7444

Inverse Universe

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



92.4590, 0.7597, 36.4315



109.1070, 1.4262, 56.0342



94.5330, -11.6018, 34.6126



62.0220, -0.0108, 3.4887



44.2280, 1.3666, 75.2220



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 112.5410, -0.7597, -36.4315 looks on a white 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

Black Background



This preview shows how the YUV color 112.5410, -0.7597, -36.4315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

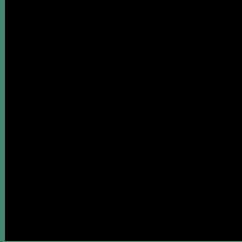
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 112.5410, -0.7597, -36.4315

Background



This preview shows how black text looks on a background with the YUV color 112.5410, -0.7597, -36.4315.



This preview shows how white text looks on a background with the YUV color 112.5410, -0.7597,

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

112.5410, -0.7597, -36.4315

Protanopia

121.1550, -8.4574, 6.0031

Deuteranopia

122.4530, -3.6743, 11.8807



Tritanopia

115.8910, 11.8857, -32.3534

Trichromacy



Original Color

112.5410, -0.7597, -36.4315

Protanomaly

118.1530, -5.4984, -9.7812

Deuteranomaly

118.6850, -2.3097, -5.8627

Tritanomaly

114.3270, 7.2338, -33.6128

Monochromacy



Original Color

112.5410, -0.7597, -36.4315

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

113.0970, -0.5408, -13.2401

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.5410, -0.7597, -36.4315 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(71, 134, 111)` looks like.

```
.text, #text, p{  
    color:rgb(71, 134, 111)  
}
```

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(71, 134, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 134, 111) }
```

Border

The CSS property to change the border of an element to YUV 112.5410, -0.7597, -36.4315 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(71, 134, 111) }
```


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

```
.border{ border-color:rgb(71, 134, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 134, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 134, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 134, 111);  
box-shadow:4px 4px 4px 4px rgb(71, 134,  
111) }
```

Background

The CSS property to change the background color of an element to YUV 112.5410, -0.7597, -36.4315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 134, 111) }
```

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

```
.background{ background-color: rgb(71, 134,  
111) }
```

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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