

Converting Colors

YUV(100.4790, -6.6451,
-15.3291)

Have a look what the booklet for
YUV(100.4790, -6.6451, -15.3291)
contains.

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Color

**YUV(100.4790, -6.6451,
-15.3291)**

Conversions

Conversions Part 1

Format	Color
Hex	537057
RGB	83, 112, 87
RGB Percent	33%, 44%, 34%
CMY	0.6745, 0.5608, 0.6588
CMYK	0.26, 0.00, 0.22, 0.56
HSL	128°, 15%, 38%
HSV	128°, 26%, 44%
XYZ	11.0817, 14.1155, 11.1573
YIQ	100.4790, -9.2590, -13.9230

Conversions

Conversions Part 2

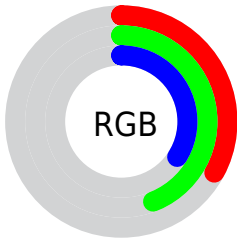
Format	Color
R_{YB}	83, 108, 112
Decimal	5468247
CIE _{Lab}	44.40, -16.07, 10.54
CIE _{LCh}	44, 19.222, 146.732
Yxy	14.1155, 0.3048, 0.3883
Android (android.graphics.Color)	4283658327 (0xFF537057)
YUV	100.4790, -6.6451, -15.3291
Hunter-Lab	37.5705, -13.0984, 8.6921

Details

The YUV color **100.4790, -6.6451, -15.3291** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **94.5210, 6.6451, 15.3291**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.6530, -7.2239, -16.3587**, and **53.4190, -5.6296, -14.3995** is the 20% darker color. If you saturate the color by 10%, you get **96.0500, -9.3916, -21.0918**, and if you desaturate by 10%, it is **104.9080, -3.8986, -9.5663**.

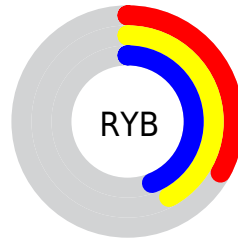
Distribution



Red (33%)

Green (44%)

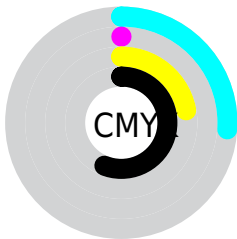
Blue (34%)



Red (33%)

Yellow (42%)

Blue (44%)

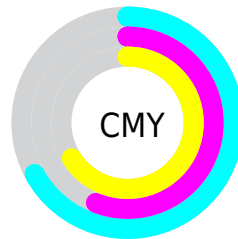


Cyan (26%)

Magenta (0%)

Yellow (22%)

Black (56%)



Cyan (67%)

Magenta (56%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.4790, -6.6451, -15.3291 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 100.4790, -6.6451, -15.3291 by changing the saturation by 10% instead.

■ 100.4790, -6.6451,
-15.3291

■ 100.4790, -6.6451,
-15.3291

■ 255.0000, 0.0000,
0.0000

■ 76.0060, -5.9190,
-14.9143

■ 151.6530, -7.2239,
-16.3587

■ 53.4190, -5.6296,
-14.3995

■ 178.2400, -7.5133,
-16.8735

■ 31.5330, -5.1928,
-14.4994

■ 206.1260, -7.9501,
-16.7735

■ 13.5010, -6.6560,
-11.8404

■ 233.8270, -7.8027,
-17.3883

■ 0.0000, 0.0000,
0.0000

■ 250.5000, -1.7255,
-6.5775

■ 100.4790, -6.6451,
-15.3291

■ 100.4790, -6.6451,
-15.3291

■ 96.0500, -9.3916,
-21.0918

■ 104.9080, -3.8986,
-9.5663

■ 91.7350, -11.7014,
-26.9546

■ 109.2230, -1.5889,
-3.7036

■ 87.0070, -14.3005,
-33.3321

■ 113.9510, 1.0102,
2.6740

■ 82.5780, -17.0470,
-39.0949

■ 118.3800, 3.7567,
8.4367

■ 78.2630, -19.3567,
-44.9577

■ 122.6950, 6.0664,
14.2995

■ 73.8340, -22.1032,
-50.7204

■ 127.1240, 8.8129,
20.0623

■ 69.4050, -24.8497,
-56.4832

■ 131.5530, 11.5594,
25.8250

■ 67.4540, -25.8598,

■ 136.1670, 13.7217,

-59.1572

32.3025

■ 140.5960, 16.4682,
38.0653

Harmonies

Analogous

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



102.2590, -12.9457, -1.1041



100.4790, -6.6451, -15.3291



98.3940, 2.2708, -28.4095

Triad

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



100.4790, -6.6451, -15.3291



102.9450, 16.7891, -18.3688



106.5150, -7.6489, 26.7353

Complementary

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



100.4790, -6.6451, -15.3291



94.5210, 6.6451, 15.3291

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.



107.1540, -0.0759, 24.4209



100.4790, -6.6451, -15.3291



105.8440, 13.3879, -0.7402

Square

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



100.4790, -6.6451, -15.3291



98.9280, 15.8115, -31.5089



107.4500, 7.6661, 14.5143



105.7010, -13.1636, 22.1872

Rectangle

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



100.4790, -6.6451, -15.3291



97.2560, 8.2548, -34.4275



107.4500, 7.6661, 14.5143



106.6120, -4.7387, 26.6503

Sweetspot

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



100.4790, -6.6451, -15.3291



140.5710, -2.7465, -5.7628



107.4980, -12.0775, 0.4403



71.2230, -1.5889, -3.7036



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.



100.4790, -6.6451, -15.3291



127.2130, -9.9650, -23.8658



102.0750, -0.5300, -16.7288



53.6360, -1.2995, -3.1888



72.3780, -27.3014, -63.4755



148.8650, -56.6284, -130.5546

Inverse Universe

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



94.5210, 6.6451, 15.3291



117.9010, 10.4018, 23.7658



92.9250, 0.5300, 16.7288



52.3640, 1.2995, 3.1888



47.6220, 27.3014, 63.4755



98.1350, 56.6284, 130.5546

Previews

White Background



This preview shows how the YUV color 100.4790, -6.6451, -15.3291 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 100.4790, -6.6451, -15.3291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

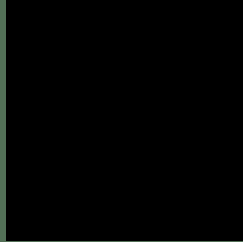
Any Text WCAG AA × Fail

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 100.4790, -6.6451, -15.3291 Background



This preview shows how black text looks on a background with the YUV color 100.4790, -6.6451, -15.3291.



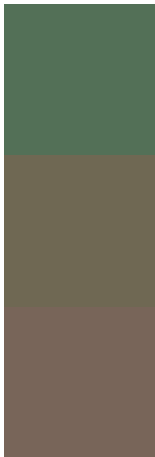
This preview shows how white text looks on a background with the YUV color 100.4790, -6.6451,

-15.3291.

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

100.4790, -6.6451, -15.3291

Protanopia

103.6990, -10.2046, 6.4030

Deuteranopia

105.3130, -8.0423, 12.8805



Tritanopia

103.0460, 6.8793, -13.1953

Trichromacy



Original Color

100.4790, -6.6451, -15.3291

Protanomaly

102.5840, -9.1619, -1.3892

Deuteranomaly

103.6600, -7.7204, 2.9292

Tritanomaly

101.7810, 2.0800, -13.8399

Monochromacy



Original Color

100.4790, -6.6451, -15.3291

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

99.9840, -2.4571, -5.2480

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.4790, -6.6451, -15.3291 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(83, 112, 87)` looks like.

```
.text, #text, p{  
    color:rgb(83, 112, 87)  
}
```

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(83, 112, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 112, 87) }
```

Border

The CSS property to change the border of an element to YUV 100.4790, -6.6451, -15.3291 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(83, 112, 87) }
```


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

```
.border{ border-color:rgb(83, 112, 87) }
```

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

Here you see how a box with a 4 pixel rgb(83, 112, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 112, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 112, 87);  
box-shadow:4px 4px 4px 4px rgb(83, 112,  
87) }
```

Background

The CSS property to change the background color of an element to YUV 100.4790, -6.6451, -15.3291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 112, 87) }
```

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

```
.background{ background-color: rgb(83, 112,  
87) }
```

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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