

Converting Colors

YUV(91.7750, -15.6651,
-15.5887)

Have a look what the booklet for
YUV(91.7750, -15.6651, -15.5887)
contains.

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Color

**YUV(91.7750, -15.6651,
-15.5887)**

Conversions

Conversions Part 1

Format	Color
Hex	4A6B3C
RGB	74, 107, 60
RGB Percent	29%, 42%, 24%
CMY	0.7098, 0.5804, 0.7647
CMYK	0.31, 0.00, 0.44, 0.58
HSL	102°, 28%, 33%
HSV	102°, 44%, 42%
XYZ	8.8973, 12.2975, 6.1797
YIQ	91.7750, -4.5810, -21.6130

Conversions

Conversions Part 2

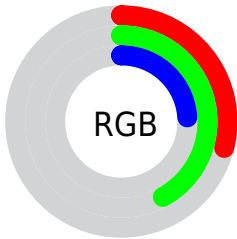
Format	Color
RYB	60, 107, 93
Decimal	4877116
CIELab	41.69, -21.62, 22.60
CIELCh	42, 31.271, 133.728
Yxy	12.2975, 0.3250, 0.4492
Android (android.graphics.Color)	4283067196 (0xFF4A6B3C)
YUV	91.7750, -15.6651, -15.5887
Hunter-Lab	35.0678, -16.0798, 14.0993

Details

The YUV color **91.7750, -15.6651, -15.5887** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **75.2250, 15.6651, 15.5887**, and the grayscale version is **92.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.7210, -17.1175, -16.4183**, and **44.5300, -14.0653, -15.3738** is the 20% darker color. If you saturate the color by 10%, you get **88.1290, -19.2906, -19.4071**, and if you desaturate by 10%, it is **95.4210, -12.0396, -11.7702**.

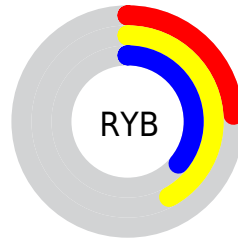
Distribution



Red (29%)

Green (42%)

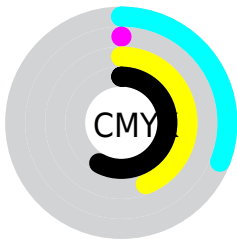
Blue (24%)



Red (24%)

Yellow (42%)

Blue (36%)

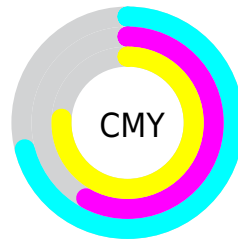


Cyan (31%)

Magenta (0%)

Yellow (44%)

Black (58%)



Cyan (71%)

Magenta (58%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 91.7750, -15.6651, -15.5887 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 91.7750, -15.6651, -15.5887 by changing the saturation by 10% instead.

■ 91.7750, -15.6651,
-15.5887

■ 91.7750, -15.6651,
-15.5887

255.0000, 0.0000,
0.0000

■ 68.0030, -14.7915,
-15.7886

■ 142.7210,
-17.1175, -16.4183

■ 44.5300, -14.0653,
-15.3738

■ 169.3080,
-17.4068, -16.9331

■ 23.5130, -11.5919,
-15.3589

■ 196.1940,
-17.8436, -16.8331

■ 6.4570, -3.1833,
-5.6628

■ 224.6670,
-18.5698, -17.2480

■ 0.0000, 0.0000,
0.0000

■ 244.1610,
-14.3764, -8.9112

■ 253.6320, -5.2416,

1.1997

■ 91.7750, -15.6651,
-15.5887

■ 91.7750, -15.6651,
-15.5887

■ 88.1290, -19.2906,
-19.4071

■ 95.4210, -12.0396,
-11.7702

■ 84.8960, -22.6267,
-22.7108

■ 98.6540, -8.7034,
-8.4666

■ 81.2500, -26.2523,
-26.5293

■ 102.3000, -5.0779,
-4.6481

■ 77.9030, -30.0252,
-29.7329

■ 105.6470, -1.3050,
-1.4444

■ 74.2570, -33.6507,
-33.5514

■ 109.2930, 2.3206,
2.3740

■ 72.3770, -35.6819,
-35.4106

■ 112.5260, 5.6567,
5.6777

■ 116.1720, 9.2822,
9.4962

■ 119.5190, 13.0551,
12.6998

■ 123.0510, 16.2439,
16.6183

Harmonies

Analogous

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



95.4420, -23.8819, 6.6284



91.7750, -15.6651, -15.5887



85.3830, -1.1748, -43.3089

Triad

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



91.7750, -15.6651, -15.5887



81.9810, 32.0544, -61.3733



99.0700, -5.9505, 42.0346

Complementary

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



91.7750, -15.6651, -15.5887



75.2250, 15.6651, 15.5887

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.



100.8160, 6.0067, 33.4874



91.7750, -15.6651, -15.5887



97.1330, 25.0774, -16.7796

Square

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



91.7750, -15.6651, -15.5887



79.7320, 26.2611, -69.9250



101.2570, 17.1283, 12.9296



98.4750, -16.9962, 38.1714

Rectangle

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



91.7750, -15.6651, -15.5887



77.2580, 11.7048, -67.7553



101.2570, 17.1283, 12.9296



99.7970, -1.8719, 40.5200

Sweetspot

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



91.7750, -15.6651, -15.5887



134.0610, -5.9461, -6.1925



93.4240, -16.4780, 11.9062



67.3540, -3.6255, -3.8185



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.



91.7750, -15.6651, -15.5887



116.0160, -24.6579, -24.5700



88.6150, -9.6702, -25.0954



52.1200, -2.0312, -1.8592



79.1440, -39.0180, -38.7143



165.6420, -81.6615, -81.2470

Inverse Universe

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



75.2250, 15.6651, 15.5887



89.9840, 24.6579, 24.5700



78.3850, 9.6702, 25.0954



49.8800, 2.0312, 1.8592



37.8560, 39.0180, 38.7143



79.3580, 81.6615, 81.2470

Previews

White Background



This preview shows how the YUV color 91.7750, -15.6651, -15.5887 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 91.7750, -15.6651, -15.5887 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 91.7750, -15.6651, -15.5887

Background



This preview shows how black text looks on a background with the YUV color 91.7750, -15.6651, -15.5887.



This preview shows how white text looks on a background with the YUV color 91.7750, -15.6651, -15.5887.

-15.5887.

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

91.7750, -15.6651, -15.5887

Protanopia

96.0170, -19.2354, 9.6321

Deuteranopia

97.6420, -17.0785, 17.8540



Tritanopia

96.2310, 6.2951, -12.4806

Trichromacy



Original Color

91.7750, -15.6651, -15.5887

Protanomaly

94.3040, -17.8979, 0.6104

Deuteranomaly

95.6790, -16.6037, 5.5435

Tritanomaly

94.4560, -1.7038, -13.5549

Monochromacy



Original Color

91.7750, -15.6651, -15.5887

Achromatopsia

92.0000, 0.0000, 0.0000

Achromatomaly

91.4740, -5.6567, -5.6777

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.7750, -15.6651, -15.5887 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(74, 107, 60)` looks like.

```
.text, #text, p{  
    color:rgb(74, 107, 60)  
}
```

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(74, 107, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 107, 60) }
```

Border

The CSS property to change the border of an element to YUV 91.7750, -15.6651, -15.5887 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(74, 107, 60) }
```


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

```
.border{ border-color:rgb(74, 107, 60) }
```

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

Here you see how a box with a 4 pixel rgb(74, 107, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 107, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 107, 60);  
box-shadow:4px 4px 4px 4px rgb(74, 107,  
60) }
```

Background

The CSS property to change the background color of an element to YUV 91.7750, -15.6651, -15.5887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 107, 60) }
```

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

```
.background{ background-color: rgb(74, 107,  
60) }
```

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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