

Converting Colors

YUV(84.9750, -12.3127,
-17.5181)

Have a look what the booklet for
YUV(84.9750, -12.3127, -17.5181)
contains.

YUV(84.9750, -12.3127, -17.5181)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(84.9750, -12.3127,
-17.5181)**

Conversions

Conversions Part 1

Format	Color
Hex	41643C
RGB	65, 100, 60
RGB Percent	25%, 39%, 24%
CMY	0.7451, 0.6078, 0.7647
CMYK	0.35, 0.00, 0.40, 0.61
HSL	112°, 25%, 31%
HSV	112°, 40%, 39%
XYZ	7.5528, 10.5644, 5.9160
YIQ	84.9750, -8.0200, -19.8600

Conversions

Conversions Part 2

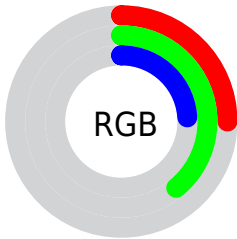
Format	Color
R _{YB}	60, 100, 95
Decimal	4285500
CIE Lab	38.84, -21.41, 18.80
CIE LCh	39, 28.486, 138.714
Yxy	10.5644, 0.3143, 0.4396
Android (android.graphics.Color)	4282475580 (0xFF41643C)
YUV	84.9750, -12.3127, -17.5181
Hunter-Lab	32.5029, -15.4018, 11.9604

Details

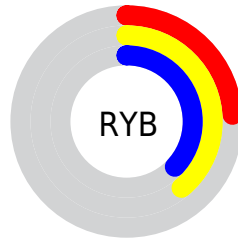
The YUV color **84.9750, -12.3127, -17.5181** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **75.0250, 12.3127, 17.5181**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.0350, -13.3283, -18.4477**, and **38.4310, -10.5655, -17.9180** is the 20% darker color. If you saturate the color by 10%, you get **81.1440, -15.3540, -22.0513**, and if you desaturate by 10%, it is **88.8060, -9.2714, -12.9849**.

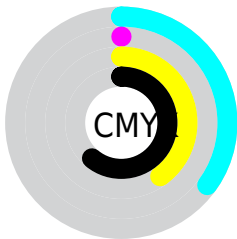
Distribution



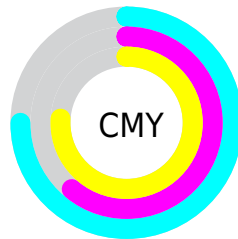
- Red (25%)
- Green (39%)
- Blue (24%)



- Red (24%)
- Yellow (39%)
- Blue (37%)



- Cyan (35%)
- Magenta (0%)
- Yellow (40%)
- Black (61%)



- Cyan (75%)
- Magenta (61%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.9750, -12.3127, -17.5181 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 84.9750, -12.3127, -17.5181 by changing the saturation by 10% instead.

■ 84.9750, -12.3127,
-17.5181

■ 84.9750, -12.3127,
-17.5181

255.0000, 0.0000,
0.0000

■ 61.5020, -11.5865,
-17.1033

■ 135.0350,
-13.3283, -18.4477

■ 38.4310, -10.5655,
-17.9180

■ 161.5080,
-14.0544, -18.8625

■ 18.7840, -9.2605,
-16.4736

■ 189.0950,
-14.3438, -19.3773

■ 0.0000, 0.0000,
0.0000

■ 216.9810,
-14.7806, -19.2773

■ 240.7580,
-13.1917, -15.5738

■ 252.4360, -4.6519,

-1.2594

■ 84.9750, -12.3127,
-17.5181

■ 84.9750, -12.3127,
-17.5181

■ 81.1440, -15.3540,
-22.0513

■ 88.8060, -9.2714,
-12.9849

■ 77.6120, -18.5427,
-25.9697

■ 92.6370, -6.2300,
-8.4516

■ 73.7810, -21.5840,
-30.5029

■ 96.1690, -3.0413,
-4.5332

■ 69.9500, -24.6253,
-35.0361

■ 100.0000, 0.0000,
0.0000

■ 66.1190, -27.6667,
-39.5694

■ 103.8310, 3.0413,
4.5332

■ 62.5870, -30.8554,
-43.4878

■ 107.6620, 6.0826,
9.0664

■ 111.1940, 9.2714,
12.9849

■ 115.0250, 12.3127,
17.5181

■ 118.8560, 15.3540,
22.0513

Harmonies

Analogous

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



88.2180, -20.8135, 2.4398



84.9750, -12.3127, -17.5181



78.7790, 1.5880, -42.7792

Triad

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



84.9750, -12.3127, -17.5181



82.0220, 26.6112, -42.1153



92.4070, -7.1027, 38.2311

Complementary

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



84.9750, -12.3127, -17.5181



75.0250, 12.3127, 17.5181

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.



93.8220, 3.5388, 31.7281



84.9750, -12.3127, -17.5181



91.5530, 21.4194, -10.1320

Square

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



84.9750, -12.3127, -17.5181



73.6510, 25.8081, -64.5919



94.3560, 13.6285, 15.4738



91.5560, -16.5431, 32.8384

Rectangle

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



84.9750, -12.3127, -17.5181



72.2200, 12.7095, -63.3369



94.3560, 13.6285, 15.4738



93.0200, -3.4609, 36.8165

Sweetspot

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



84.9750, -12.3127, -17.5181



123.9900, -4.9251, -7.0072



92.5050, -16.0250, 6.5731



62.5820, -2.7519, -4.0184



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



84.9750, -12.3127, -17.5181



106.4870, -18.9741, -27.6141



85.1900, -5.0237, -22.0916



49.2340, -1.5944, -1.9592



71.6910, -35.3437, -50.5950



151.0240, -74.4548, -106.1380

Inverse Universe

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



75.0250, 12.3127, 17.5181



91.2140, 19.1215, 26.9993



74.8100, 5.0237, 22.0916



47.7660, 1.5944, 1.9592



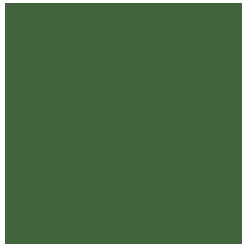
43.0100, 35.4911, 49.9802



90.9760, 74.4548, 106.1380

Previews

White Background



This preview shows how the YUV color 84.9750, -12.3127, -17.5181 looks on a white background.

Color Contrast Check

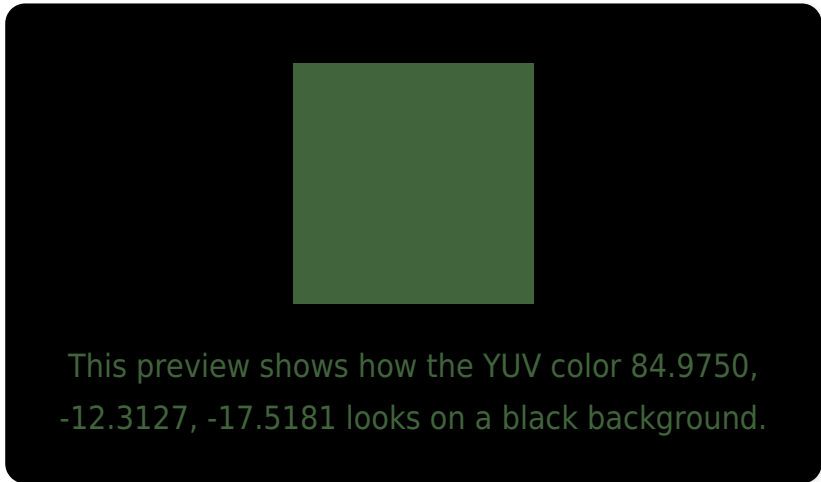
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

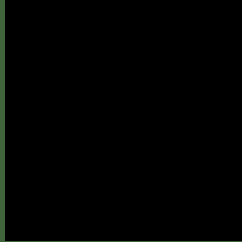
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.9750, -12.3127, -17.5181

Background



This preview shows how black text looks on a background with the YUV color 84.9750, -12.3127, -17.5181.



This preview shows how white text looks on a background with the YUV color 84.9750, -12.3127, -17.5181.

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

84.9750, -12.3127, -17.5181

Protanopia

89.5160, -16.0304, 8.3175

Deuteranopia

90.8420, -13.7261, 15.9246



Tritanopia

89.3340, 6.7373, -14.3249

Trichromacy



Original Color

84.9750, -12.3127, -17.5181

Protanomaly

87.8030, -14.6929, -0.7042

Deuteranomaly

88.8790, -13.2513, 3.6141

Tritanomaly

87.7870, -0.3880, -15.5992

Monochromacy



Original Color

84.9750, -12.3127, -17.5181

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

84.8160, -4.3463, -5.9776

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.9750, -12.3127, -17.5181 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(65, 100, 60)` looks like.

```
.text, #text, p{  
    color:rgb(65, 100, 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(65, 100, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 100, 60) }
```

Border

The CSS property to change the border of an element to YUV 84.9750, -12.3127, -17.5181 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(65, 100, 60) }
```


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

```
.border{ border-color:rgb(65, 100, 60) }
```

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

Here you see how a box with a 4 pixel rgb(65, 100, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 100, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 100, 60);  
box-shadow:4px 4px 4px 4px rgb(65, 100,  
60) }
```

Background

The CSS property to change the background color of an element to YUV 84.9750, -12.3127, -17.5181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 100, 60) }
```

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

```
.background{ background-color: rgb(65, 100,  
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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor