

Converting Colors

YUV(84.7150, -14.6495,
-14.6591)

Have a look what the booklet for
YUV(84.7150, -14.6495, -14.6591)
contains.

YUV(84.7150, -14.6495, -14.6591)	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(84.7150, -14.6495,
-14.6591)**

Conversions

Conversions Part 1

Format	Color
Hex	446337
RGB	68, 99, 55
RGB Percent	27%, 39%, 22%
CMY	0.7333, 0.6118, 0.7843
CMYK	0.31, 0.00, 0.44, 0.61
HSL	102°, 29%, 30%
HSV	102°, 44%, 39%
XYZ	7.5353, 10.4285, 5.2302
YIQ	84.7150, -4.3520, -20.2560

Conversions

Conversions Part 2

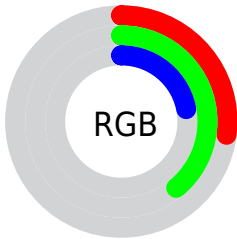
Format	Color
R_{YB}	55, 99, 86
Decimal	4481847
CIE _{Lab}	38.60, -20.55, 21.44
CIE _{LCh}	39, 29.698, 133.794
Yxy	10.4285, 0.3249, 0.4496
Android (android.graphics.Color)	4282671927 (0xFF446337)
YUV	84.7150, -14.6495, -14.6591
Hunter-Lab	32.2931, -14.8615, 13.0026

Details

The YUV color **84.7150, -14.6495, -14.6591** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **69.2850, 14.6495, 14.6591**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.0740, -15.8125, -14.9739**, and **38.3560, -13.4865, -14.3442** is the 20% darker color. If you saturate the color by 10%, you get **81.4820, -17.9856, -17.9627**, and if you desaturate by 10%, it is **87.9480, -11.3134, -11.3554**.

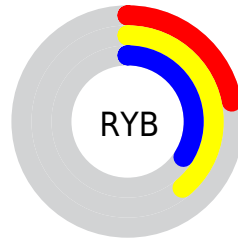
Distribution



Red (27%)

Green (39%)

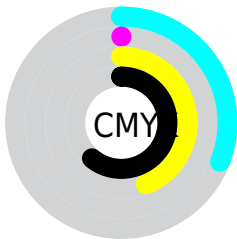
Blue (22%)



Red (22%)

Yellow (39%)

Blue (34%)

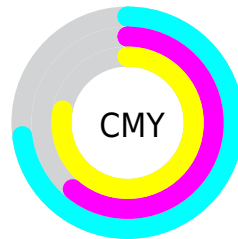


Cyan (31%)

Magenta (0%)

Yellow (44%)

Black (61%)



Cyan (73%)

Magenta (61%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.7150, -14.6495, -14.6591 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 84.7150, -14.6495, -14.6591 by changing the saturation by 10% instead.

■ 84.7150, -14.6495,
-14.6591

■ 84.7150, -14.6495,
-14.6591

255.0000, 0.0000,
0.0000

■ 61.2420, -13.9233,
-14.2442

■ 135.0740,
-15.8125, -14.9739

■ 38.3560, -13.4865,
-14.3442

■ 161.5470,
-16.5387, -15.3887

■ 18.1970, -8.9711,
-15.9588

■ 188.1340,
-16.8281, -15.9035

■ 0.0000, 0.0000,
0.0000

■ 216.6070,
-17.5543, -16.3183

■ 241.0850,
-15.8179, -13.2295

■ 252.9480, -7.8624,

1.7996

■ 84.7150, -14.6495,
-14.6591

■ 84.7150, -14.6495,
-14.6591

■ 81.4820, -17.9856,
-17.9627

■ 87.9480, -11.3134,
-11.3554

■ 78.2490, -21.3218,
-21.2664

■ 91.1810, -7.9772,
-8.0517

■ 75.0160, -24.6579,
-24.5700

■ 94.4140, -4.6411,
-4.7481

■ 71.7830, -27.9940,
-27.8737

■ 97.6470, -1.3050,
-1.4444

■ 68.6640, -30.8934,
-31.2773

■ 100.8800, 2.0312,
1.8592

■ 66.7840, -32.9245,
-33.1366

■ 103.9990, 4.9305,
5.2629

■ 107.2320, 8.2666,
8.5665

■ 110.4650, 11.6028,
11.8702

■ 113.6980, 14.9389,
15.1739

Harmonies

Analogous

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



87.8980, -22.1347, 6.2285



84.7150, -14.6495, -14.6591



78.2200, -0.6015, -40.5349

Triad

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



84.7150, -14.6495, -14.6591



75.5470, 30.2963, -57.4847



91.8740, -5.3609, 39.5755

Complementary

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



84.7150, -14.6495, -14.6591



69.2850, 14.6495, 14.6591

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.



93.3920, 5.7227, 31.2282



84.7150, -14.6495, -14.6591



90.0900, 23.6196, -15.8649

Square

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



84.7150, -14.6495, -14.6591



74.0100, 24.6451, -64.9068



93.3170, 16.1127, 12.0000



90.8060, -15.6804, 36.1271

Rectangle

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



84.7150, -14.6495, -14.6591



71.0630, 10.8149, -62.3223



93.3170, 16.1127, 12.0000



92.4870, -1.7191, 38.1609

Sweetspot

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



84.7150, -14.6495, -14.6591



122.4740, -5.6567, -5.6777



86.3530, -15.4570, 11.0914



60.7670, -3.3361, -3.3037



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



84.7150, -14.6495, -14.6591



105.8960, -22.6267, -22.7108



81.8540, -8.8020, -23.5510



46.6470, -1.3050, -1.4444



75.6110, -37.2762, -37.3698



162.1090, -79.9197, -79.9026

Inverse Universe

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



69.2850, 14.6495, 14.6591



82.1040, 22.6267, 22.7108



72.1460, 8.8020, 23.5510



45.3530, 1.3050, 1.4444



36.3890, 37.2762, 37.3698



77.8910, 79.9197, 79.9026

Previews

White Background



This preview shows how the YUV color 84.7150, -14.6495, -14.6591 looks on a white background.

Color Contrast Check

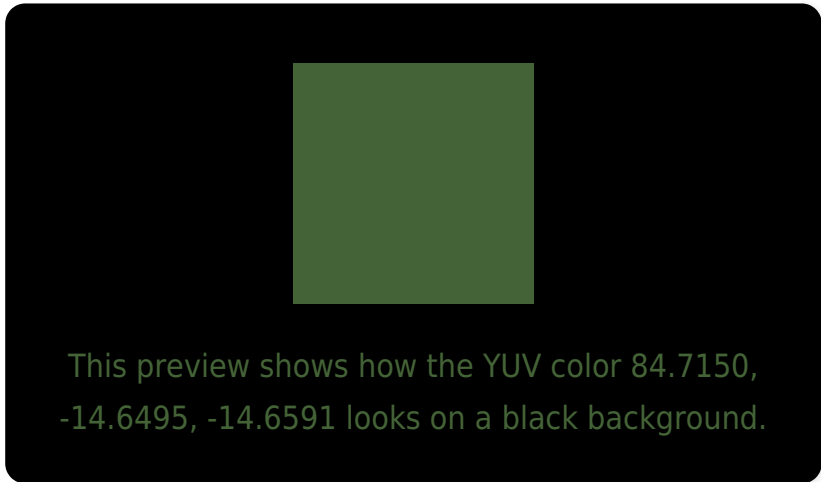
Large Text (above 18pt) WCAG AA ✓ Pass

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 84.7150, -14.6495, -14.6591

Background



This preview shows how black text looks on a background with the YUV color 84.7150, -14.6495, -14.6591.



This preview shows how white text looks on a background with the YUV color 84.7150, -14.6495, -14.6591.

-14.6591.

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

84.7150, -14.6495, -14.6591

Protanopia

88.9460, -18.2144, 8.8174

Deuteranopia

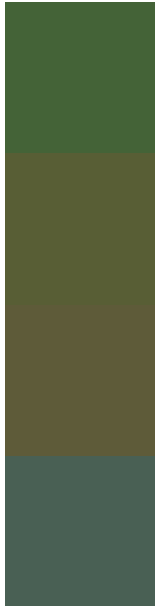
90.2720, -15.9101, 16.4245



Tritanopia

89.4160, 5.7109, -11.7658

Trichromacy



Original Color

84.7150, -14.6495, -14.6591

Protanomaly

87.5320, -17.0243, 0.4104

Deuteranomaly

88.0210, -15.2934, 5.2436

Tritanomaly

87.7550, -1.8512, -12.9401

Monochromacy



Original Color

84.7150, -14.6495, -14.6591

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

84.8870, -5.3673, -5.1629

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.7150, -14.6495, -14.6591 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(68, 99, 55)` looks like.

```
.text, #text, p{  
    color:rgb(68, 99, 55)  
}
```

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(68, 99, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 99, 55) }
```

Border

The CSS property to change the border of an element to YUV 84.7150, -14.6495, -14.6591 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(68, 99, 55) }
```


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

```
.border{ border-color:rgb(68, 99, 55) }
```

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

Here you see how a box with a 4 pixel rgb(68, 99, 55) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 99, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 99, 55);  
box-shadow:4px 4px 4px 4px rgb(68, 99, 55)  
}
```

Background

The CSS property to change the background color of an element to YUV 84.7150, -14.6495, -14.6591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 99, 55) }
```

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

```
.background{ background-color: rgb(68, 99,  
55) }
```

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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