

Converting Colors

YUV(84.9970, -12.3235,
-14.0294)

Have a look what the booklet for
YUV(84.9970, -12.3235, -14.0294)
contains.

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Color

**YUV(84.9970, -12.3235,
-14.0294)**

Conversions

Conversions Part 1

Format	Color
Hex	45623C
RGB	69, 98, 60
RGB Percent	27%, 38%, 24%
CMY	0.7294, 0.6157, 0.7647
CMYK	0.30, 0.00, 0.39, 0.62
HSL	106°, 24%, 31%
HSV	106°, 39%, 38%
XYZ	7.6375, 10.3268, 5.8657
YIQ	84.9970, -5.0860, -17.9660

Conversions

Conversions Part 2

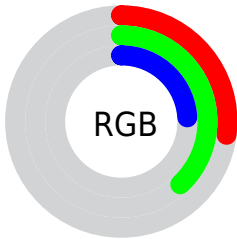
Format	Color
R_{YB}	60, 98, 89
Decimal	4547132
CIE _{Lab}	38.42, -18.82, 18.30
CIE _{LCh}	38, 26.247, 135.805
Yxy	10.3268, 0.3205, 0.4334
Android (android.graphics.Color)	4282737212 (0xFF45623C)
YUV	84.9970, -12.3235, -14.0294
Hunter-Lab	32.1354, -13.8132, 11.6725

Details

The YUV color **84.9970, -12.3235, -14.0294** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **73.0030, 12.3235, 14.0294**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.0570, -13.3391, -14.9590**, and **38.7520, -10.7237, -13.8145** is the 20% darker color. If you saturate the color by 10%, you get **81.7640, -15.6597, -17.3330**, and if you desaturate by 10%, it is **88.2300, -8.9874, -10.7257**.

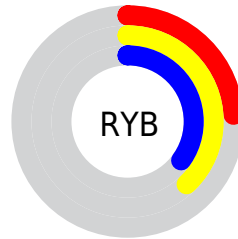
Distribution



Red (27%)

Green (38%)

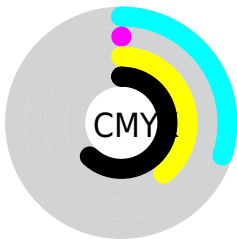
Blue (24%)



Red (24%)

Yellow (38%)

Blue (35%)

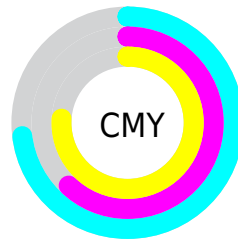


Cyan (30%)

Magenta (0%)

Yellow (39%)

Black (62%)



Cyan (73%)

Magenta (62%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.9970, -12.3235, -14.0294 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 84.9970, -12.3235, -14.0294 by changing the saturation by 10% instead.

84.9970, -12.3235,
-14.0294

84.9970, -12.3235,
-14.0294

255.0000, 0.0000,
0.0000

61.5240, -11.5973,
-13.6145

135.0570,
-13.3391, -14.9590

38.7520, -10.7237,
-13.8145

161.5300,
-14.0653, -15.3738

18.1970, -8.9711,
-15.9588

188.4160,
-14.5021, -15.2738

0.0000, 0.0000,
0.0000

216.3020,
-14.9389, -15.1739

241.9540,
-13.7813, -13.1147

253.6320, -5.2416,

1.1997

■ 84.9970, -12.3235,
-14.0294

■ 84.9970, -12.3235,
-14.0294

■ 81.7640, -15.6597,
-17.3330

■ 88.2300, -8.9874,
-10.7257

■ 78.2320, -18.8484,
-21.2515

■ 91.7620, -5.7987,
-6.8073

■ 75.1130, -21.7477,
-24.6551

■ 94.8810, -2.8993,
-3.4036

■ 71.5810, -24.9364,
-28.5735

■ 98.4130, 0.2894,
0.5148

■ 68.3480, -28.2726,
-31.8772

■ 101.6460, 3.6255,
3.8185

■ 64.8160, -31.4613,
-35.7956

■ 105.1780, 6.8142,
7.7369

■ 64.4030, -31.7507,
-36.3104

■ 108.4110, 10.1504,
11.0406

■ 111.8290, 12.9023,
15.0590

■ 115.0620, 16.2384,
18.3626

Harmonies

Analogous

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



87.9840, -19.2191, 4.3990



84.9970, -12.3235, -14.0294



80.2530, -0.6177, -35.3019

Triad

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



84.9970, -12.3235, -14.0294



82.3490, 23.9849, -39.7711



92.0260, -5.9288, 35.0572

Complementary

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



84.9970, -12.3235, -14.0294



73.0030, 12.3235, 14.0294

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.



92.9140, 3.9864, 28.1394



84.9970, -12.3235, -14.0294



90.2000, 20.1144, -11.5764

Square

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



84.9970, -12.3235, -14.0294



72.3800, 23.4767, -63.4773



93.2200, 13.2025, 12.0851



90.7130, -14.6485, 31.8237

Rectangle

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



84.9970, -12.3235, -14.0294



74.1780, 9.7722, -54.5301



93.2200, 13.2025, 12.0851



91.9380, -2.4344, 34.2574

Sweetspot

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



84.9970, -12.3235, -14.0294



122.5880, -5.2199, -5.7777



88.3850, -13.9938, 8.4324



60.8810, -2.8993, -3.4036



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.



84.9970, -12.3235, -14.0294



107.4060, -19.4272, -22.2811



83.4460, -6.6289, -20.5621



46.6470, -1.3050, -1.4444



73.8170, -36.3918, -41.0585



157.9230, -77.8560, -88.5095

Inverse Universe

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



73.0030, 12.3235, 14.0294



88.2950, 19.5746, 21.6663



74.6680, 7.0657, 20.4622



45.3530, 1.3050, 1.4444



38.4820, 36.2444, 41.6733



82.0770, 77.8560, 88.5095

Previews

White Background



This preview shows how the YUV color 84.9970, -12.3235, -14.0294 looks on a white background.

Color Contrast Check

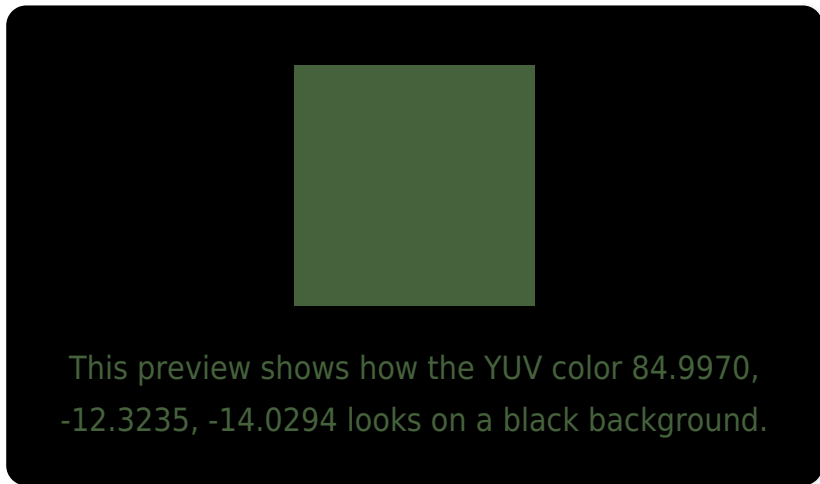
Large Text (above 18pt) WCAG AA ✓ Pass

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 84.9970, -12.3235, -14.0294 Background



This preview shows how black text looks on a background with the YUV color 84.9970, -12.3235, -14.0294.



This preview shows how white text looks on a background with the YUV color 84.9970, -12.3235, -14.0294.

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

84.9970, -12.3235, -14.0294

Protanopia

88.6300, -15.5936, 8.2175

Deuteranopia

89.9560, -13.2893, 15.8246



Tritanopia

88.8290, 6.0003, -11.2510

Trichromacy



Original Color

84.9970, -12.3235, -14.0294

Protanomaly

87.2160, -14.4035, -0.1894

Deuteranomaly

88.0040, -12.8200, 5.2585

Tritanomaly

87.3960, -0.6882, -12.6253

Monochromacy



Original Color

84.9970, -12.3235, -14.0294

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

85.1150, -4.4937, -5.3629

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.9970, -12.3235, -14.0294 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(69, 98, 60)` looks like.

```
.text, #text, p{  
    color:rgb(69, 98, 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(69, 98, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 98, 60) }
```

Border

The CSS property to change the border of an element to YUV 84.9970, -12.3235, -14.0294 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(69, 98, 60) }
```


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

```
.border{ border-color:rgb(69, 98, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 98, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 98, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 98, 60);  
box-shadow:4px 4px 4px 4px rgb(69, 98, 60)  
}
```

Background

The CSS property to change the background color of an element to YUV 84.9970, -12.3235, -14.0294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 98, 60) }
```

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

```
.background{ background-color: rgb(69, 98,  
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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