

Converting Colors

YUV(84.3710, -16.4519,
-43.2984)

Have a look what the booklet for
YUV(84.3710, -16.4519, -43.2984)
contains.

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Color

**YUV(84.3710, -16.4519,
-43.2984)**

Conversions

Conversions Part 1

Format	Color
Hex	237433
RGB	35, 116, 51
RGB Percent	14%, 45%, 20%
CMY	0.8627, 0.5451, 0.8000
CMYK	0.70, 0.00, 0.56, 0.55
HSL	132°, 54%, 30%
HSV	132°, 70%, 45%
XYZ	7.5361, 13.0871, 5.2608
YIQ	84.3710, -27.4110, -37.3870

Conversions

Conversions Part 2

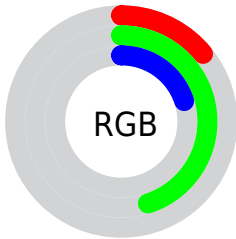
Format	Color
R_{YB}	35, 103, 116
Decimal	2323507
CIE _{Lab}	42.89, -39.05, 28.70
CIE _{LCh}	43, 48.463, 143.690
Yxy	13.0871, 0.2911, 0.5056
Android (android.graphics.Color)	4280513587 (0xFF237433)
YUV	84.3710, -16.4519, -43.2984
Hunter-Lab	36.1761, -26.1238, 16.7012

Details

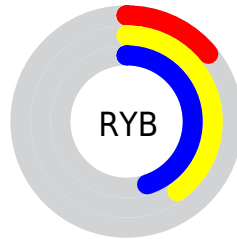
The YUV color **84.3710, -16.4519, -43.2984** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **66.6290, 16.4519, 43.2984**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.6980, -19.0781, -40.9541**, and **39.7850, -17.6420, -34.8914** is the 20% darker color. If you saturate the color by 10%, you get **79.7570, -18.6142, -49.7759**, and if you desaturate by 10%, it is **88.9850, -14.2896, -36.8208**.

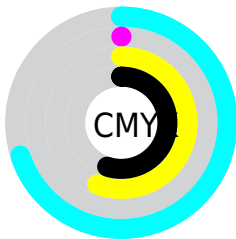
Distribution



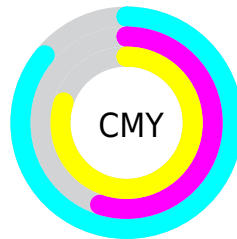
- Red (14%)
- Green (45%)
- Blue (20%)



- Red (14%)
- Yellow (40%)
- Blue (45%)



- Cyan (70%)
- Magenta (0%)
- Yellow (56%)
- Black (55%)



- Cyan (86%)
- Magenta (55%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.3710, -16.4519, -43.2984 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 84.3710, -16.4519, -43.2984 by changing the saturation by 10% instead.

■ 84.3710, -16.4519,
-43.2984

■ 84.3710, -16.4519,
-43.2984

255.0000, 0.0000,
0.0000

■ 56.6090, -14.1042,
-49.6461

■ 137.6980,
-19.0781, -40.9541

■ 39.7850, -17.6420,
-34.8914

■ 164.5840,
-19.5149, -40.8542

■ 25.8280, -12.7332,
-22.6512

■ 192.6440,
-20.5305, -41.7838

■ 10.5660, -5.2090,
-9.2664

■ 221.1170,
-21.2567, -42.1986

■ 0.0000, 0.0000,
0.0000

■ 233.4530,
-14.0273, -27.5843

■ 245.1310, -5.4876,

-13.2699

■ 84.3710, -16.4519,
-43.2984

■ 84.3710, -16.4519,
-43.2984

■ 79.7570, -18.6142,
-49.7759

■ 88.9850, -14.2896,
-36.8208

■ 75.3280, -21.3607,
-55.5387

■ 93.4140, -11.5431,
-31.0581

■ 70.7140, -23.5230,
-62.0162

■ 98.0280, -9.3808,
-24.5806

■ 102.3430, -7.0711,
-18.7178

■ 107.0710, -4.4720,
-12.3403

■ 111.6850, -2.3097,
-5.8627

■ 116.0000, 0.0000,
0.0000

■ 120.6140, 2.1623,
6.4775

■ 125.0430, 4.9088,
12.2403

Harmonies

Analogous

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



92.8310, -37.3847, -2.4828



84.3710, -16.4519, -43.2984



80.8140, 5.0217, -70.8739

Triad

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



84.3710, -16.4519, -43.2984



84.0300, 47.8062, -73.6943



97.7910, -12.7150, 65.0813

Complementary

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



84.3710, -16.4519, -43.2984



66.6290, 16.4519, 43.2984

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.



100.2800, 5.7780, 60.2674



84.3710, -16.4519, -43.2984



100.5430, 36.7073, -13.6312

Square

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



84.3710, -16.4519, -43.2984



87.4890, 38.2129, -76.7279



103.7570, 22.3048, 32.6621



98.0070, -30.5695, 51.7369

Rectangle

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



84.3710, -16.4519, -43.2984



84.0060, 17.2520, -73.6733



103.7570, 22.3048, 32.6621



98.1100, -6.4632, 66.5555

Sweetspot

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



84.3710, -16.4519, -43.2984



137.8810, -6.3503, -16.5586



102.2810, -33.1695, -1.1234



69.1960, -4.0406, -10.6959



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



84.3710, -16.4519, -43.2984



100.8120, -25.5433, -67.3641



88.8170, 0.5832, -47.1975



56.6360, -1.2995, -3.1888



74.3500, -24.8225, -65.2049



152.3360, -50.9446, -133.5987

Inverse Universe

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



66.6290, 16.4519, 43.2984



73.1880, 25.5433, 67.3641



62.1830, -0.5832, 47.1975



55.2500, 0.8628, 3.2888



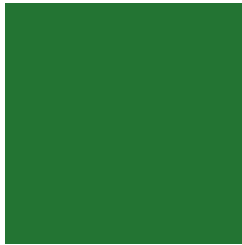
47.6500, 24.8225, 65.2049



97.6640, 50.9446, 133.5987

Previews

White Background



This preview shows how the YUV color 84.3710, -16.4519, -43.2984 looks on a white background.

Color Contrast Check

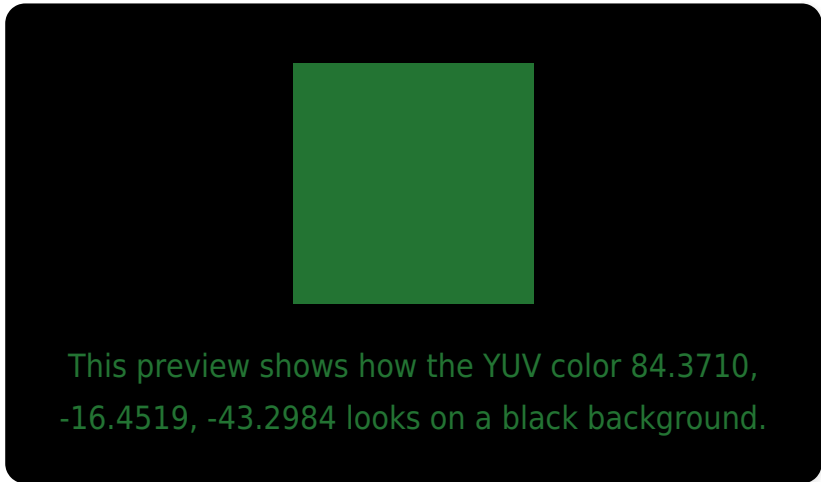
Large Text (above 18pt) WCAG AA ✓ Pass

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

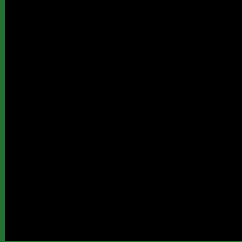
Any Text WCAG AA × Fail

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 84.3710, -16.4519, -43.2984 Background



This preview shows how black text looks on a background with the YUV color 84.3710, -16.4519, -43.2984.



This preview shows how white text looks on a background with the YUV color 84.3710, -16.4519,

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

84.3710, -16.4519, -43.2984

Protanopia

98.0190, -25.6454, 12.2613

Deuteranopia

99.5130, -21.4519, 20.5981



Tritanopia

94.1790, 11.7438, -33.4830

Trichromacy



Original Color

84.3710, -16.4519, -43.2984

Protanomaly

92.8100, -22.0913, -7.7264

Deuteranomaly

93.8260, -19.6342, -2.4784

Tritanomaly

90.8120, 1.5717, -37.5461

Monochromacy



Original Color

84.3710, -16.4519, -43.2984

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

84.2940, -6.0609, -16.0438

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.3710, -16.4519, -43.2984 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(35, 116, 51)` looks like.

```
.text, #text, p{  
    color:rgb(35, 116, 51)  
}
```

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(35, 116, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 116, 51) }
```

Border

The CSS property to change the border of an element to YUV 84.3710, -16.4519, -43.2984 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(35, 116, 51) }
```


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

```
.border{ border-color:rgb(35, 116, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 116, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 116, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 116, 51);  
box-shadow:4px 4px 4px 4px rgb(35, 116,  
51) }
```

Background

The CSS property to change the background color of an element to YUV 84.3710, -16.4519, -43.2984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 116, 51) }
```

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

```
.background{ background-color: rgb(35, 116,  
51) }
```

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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