

Converting Colors

YUV(30.7450, 33.6497,
-12.9314)

Have a look what the booklet for
YUV(30.7450, 33.6497, -12.9314)
contains.

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Color

**YUV(30.7450, 33.6497,
-12.9314)**

Conversions

Conversions Part 1

Format	Color
Hex	101963
RGB	16, 25, 99
RGB Percent	6%, 10%, 39%
CMY	0.9373, 0.9020, 0.6118
CMYK	0.84, 0.75, 0.00, 0.61
HSL	233°, 72%, 23%
HSV	233°, 84%, 39%
XYZ	2.8134, 1.7063, 11.9854
YIQ	30.7450, -29.1180, 21.1060

Conversions

Conversions Part 2

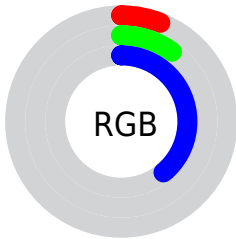
Format	Color
R_YB	16, 24, 99
Decimal	1055075
CIE _{Lab}	13.86, 25.95, -44.36
CIE _{LCh}	14, 51.393, 300.323
Yxy	1.7063, 0.1705, 0.1034
Android (android.graphics.Color)	4279245155 (0xFF101963)
YUV	30.7450, 33.6497, -12.9314
Hunter-Lab	13.0624, 15.5869, -45.2578

Details

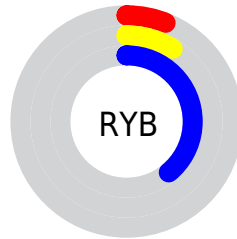
The YUV color **30.7450, 33.6497, -12.9314** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **84.2550, -33.6497, 12.9314**, and the grayscale version is **30.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **79.8540, 35.0750, -3.3800**, and **8.1620, 21.1191, -7.1581** is the 20% darker color. If you saturate the color by 10%, you get **22.4720, 37.7283, -14.4459**, and if you desaturate by 10%, it is **39.0180, 29.5711, -11.4168**.

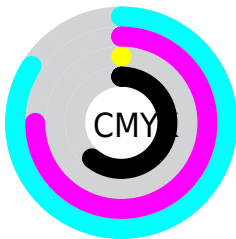
Distribution



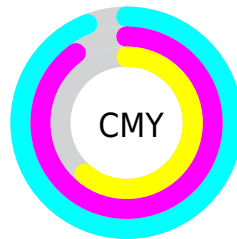
- Red (6%)
- Green (10%)
- Blue (39%)



- Red (6%)
- Yellow (9%)
- Blue (39%)



- Cyan (84%)
- Magenta (75%)
- Yellow (0%)
- Black (61%)



- Cyan (94%)
- Magenta (90%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 30.7450, 33.6497, -12.9314 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 30.7450, 33.6497, -12.9314 by changing the saturation by 10% instead.

■ 30.7450, 33.6497,
-12.9314

■ 30.7450, 33.6497,
-12.9314

■ 253.8260, 0.5788,
1.0296

■ 9.7240, 32.1811,
-8.5279

■ 79.8540, 35.0750,
-3.3800

■ 8.1620, 21.1191,
-7.1581

■ 105.0930, 35.9432,
-1.8356

■ 4.4800, 12.0884,
-3.9290

■ 131.0330, 36.9587,
-0.9059

■ 0.0000, 0.0000,
0.0000

■ 156.9730, 37.9743,
0.0237

■ 183.5880, 35.2061,
1.2383

■ 208.1080, 23.1178,

5.1673

■ 233.2150, 10.7400,
8.5814

■ 30.7450, 33.6497,
-12.9314

■ 30.7450, 33.6497,
-12.9314

■ 22.4720, 37.7283,
-14.4459

■ 39.0180, 29.5711,
-11.4168

■ 17.7430, 40.0597,
-15.5606

■ 47.2910, 25.4925,
-9.9022

■ 54.9770, 21.7033,
-7.8728

■ 63.2500, 17.6247,
-6.3582

■ 71.5230, 13.5462,
-4.8437

■ 79.4970, 9.6150,
-3.9439

■ 87.7700, 5.5364,
-2.4293

■ 96.0430, 1.4578,
-0.9147

■ 103.7290, -2.3314,
1.1147

Harmonies

Analogous

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



36.4930, 35.7460, -32.0044



30.7450, 33.6497, -12.9314



30.6330, 20.3939, 38.9099

Triad

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



30.7450, 33.6497, -12.9314



30.9200, -15.2436, 36.0272



32.7530, 1.1078, -28.7244

Complementary

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



30.7450, 33.6497, -12.9314



84.2550, -33.6497, 12.9314

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.



27.5890, -13.6014, -24.1956



30.7450, 33.6497, -12.9314



34.0000, -16.7620, 9.6470

Square

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



30.7450, 33.6497, -12.9314



26.9100, -13.2666, 55.3299



25.8390, -12.7386, -20.9068



36.8570, 16.8325, -32.3236

Rectangle

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



30.7450, 33.6497, -12.9314



32.4960, 8.1365, 50.4310



25.8390, -12.7386, -20.9068



31.2710, -4.5706, -27.4247

Sweetspot

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



30.7450, 33.6497, -12.9314



101.4090, 13.1094, -4.7437



73.0430, 7.8668, -50.0267



48.3400, 7.7204, -2.9292



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.



30.7450, 33.6497, -12.9314



22.8100, 51.8587, -20.0044



35.0300, 31.5372, 11.3747



44.4560, 1.7472, -0.3999



19.8120, 45.4487, -17.3751



42.6220, 97.3074, -37.3795

Inverse Universe

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



41.8430, -8.3036, 50.1267



39.8680, -12.7529, 77.2918



79.9700, -31.5372, -11.3747



45.1960, -0.5896, 2.4591



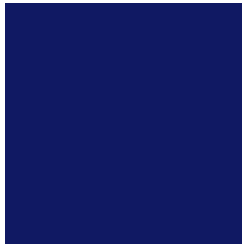
34.8560, -11.2680, 67.6553



74.7240, -24.0209, 144.9471

Previews

White Background



This preview shows how the YUV color 30.7450, 33.6497, -12.9314 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 ✓ Pass

Black Background



This preview shows how the YUV color 30.7450, 33.6497, -12.9314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

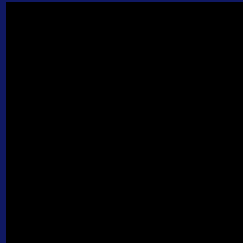
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 30.7450, 33.6497, -12.9314

Background



This preview shows how black text looks on a background with the YUV color 30.7450, 33.6497, -12.9314.



This preview shows how white text looks on a background with the YUV color 30.7450, 33.6497, -12.9314.

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

30.7450, 33.6497, -12.9314

Protanopia

28.9810, 22.1944, -25.4163

Tritanopia

28.3820, 7.2067, -24.8910

Trichromacy



Original Color

30.7450, 33.6497, -12.9314

Protanomaly

29.4530, 26.3987, -20.5683

Tritanomaly

29.5210, 16.5051, -20.6279

Monochromacy



Original Color

30.7450, 33.6497, -12.9314

Achromatopsia

31.0000, 0.0000, 0.0000

Achromatomaly

31.1810, 12.2358, -4.5437

CSS Examples

Text

The CSS property to change the color of the text to YUV 30.7450, 33.6497, -12.9314 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(16, 25, 99)` looks like.

```
.text, #text, p{  
    color:rgb(16, 25, 99)  
}
```

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(16, 25, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 25, 99) }
```

Border

The CSS property to change the border of an element to YUV 30.7450, 33.6497, -12.9314 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(16, 25, 99) }
```

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

```
.border{ border-color:rgb(16, 25, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 25, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 25, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 25, 99);  
box-shadow:4px 4px 4px 4px rgb(16, 25, 99)  
}
```


Background

The CSS property to change the background color of an element to YUV 30.7450, 33.6497, -12.9314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 25, 99) }
```

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

```
.background{ background-color: rgb(16, 25,  
99) }
```

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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