

Converting Colors

YUV(48.8330, 30.1553,
-12.1315)

Have a look what the booklet for
YUV(48.8330, 30.1553, -12.1315)
contains.

YUV(48.8330, 30.1553, -12.1315)	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(48.8330, 30.1553,
-12.1315)**

Conversions

Conversions Part 1

Format	Color
Hex	232C6E
RGB	35, 44, 110
RGB Percent	14%, 17%, 43%
CMY	0.8627, 0.8275, 0.5686
CMYK	0.68, 0.60, 0.00, 0.57
HSL	233°, 52%, 28%
HSV	233°, 68%, 43%
XYZ	4.4083, 3.2845, 15.1535
YIQ	48.8330, -26.5500, 18.6180

Conversions

Conversions Part 2

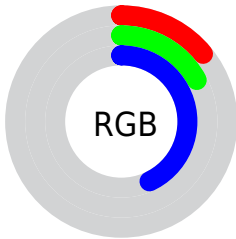
Format	Color
R_{YB}	35, 43, 110
Decimal	2305134
CIE _{Lab}	21.15, 19.52, -39.59
CIE _{LCh}	21, 44.145, 296.243
Yxy	3.2845, 0.1930, 0.1438
Android (android.graphics.Color)	4280495214 (0xFF232C6E)
YUV	48.8330, 30.1553, -12.1315
Hunter-Lab	18.1231, 11.7031, -36.8886

Details

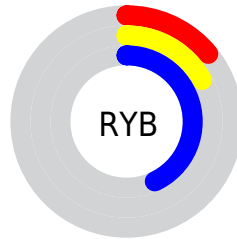
The YUV color **48.8330, 30.1553, -12.1315** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **96.1670, -30.1553, 12.1315**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **97.3220, 31.8863, -7.2984**, and **7.0680, 27.0815, -6.1986** is the 20% darker color. If you saturate the color by 10%, you get **39.6740, 34.6707, -13.7461**, and if you desaturate by 10%, it is **57.9920, 25.6399, -10.5170**.

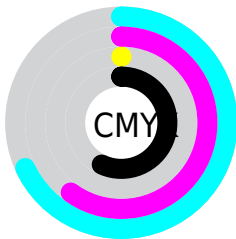
Distribution



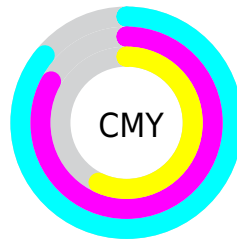
- Red (14%)
- Green (17%)
- Blue (43%)



- Red (14%)
- Yellow (17%)
- Blue (43%)



- Cyan (68%)
- Magenta (60%)
- Yellow (0%)
- Black (57%)



- Cyan (86%)
- Magenta (83%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 48.8330, 30.1553, -12.1315 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 48.8330, 30.1553, -12.1315 by changing the saturation by 10% instead.

■ 48.8330, 30.1553,
-12.1315

■ 48.8330, 30.1553,
-12.1315

■ 255.0000, 0.0000,
0.0000

■ 23.7780, 30.1824,
-20.8533

■ 97.3220, 31.8863,
-7.2984

■ 7.0680, 27.0815,
-6.1986

■ 123.2620, 32.9018,
-6.3688

■ 6.2070, 16.1669,
-5.4435

■ 149.2020, 33.9174,
-5.4392

■ 2.4110, 6.6994,
-2.1144

■ 176.3160, 34.3542,
-5.5391

■ 0.0000, 0.0000,
0.0000

■ 201.8620, 26.1970,
-2.5100

■ 226.6700, 13.9667,

0.2894

251.4780, 1.7363,
3.0888

48.8330, 30.1553,
-12.1315

48.8330, 30.1553,
-12.1315

39.6740, 34.6707,
-13.7461

57.9920, 25.6399,
-10.5170

31.1020, 38.8967,
-15.8755

66.5640, 21.4139,
-8.3876

21.9430, 43.4121,
-17.4900

75.7230, 16.8986,
-6.7731

20.1710, 44.2857,
-17.6900

84.8820, 12.3832,
-5.1585

93.4540, 8.1572,
-3.0292

■ 102.6130, 3.6418,
-1.4146

■ 111.7720, -0.8736,
0.2000

■ 120.3440, -5.0996,
2.3293

■ 129.5030, -9.6150,
3.9439

Harmonies

Analogous

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



46.2100, 34.8995, -40.5262



48.8330, 30.1553, -12.1315



49.5350, 18.9632, 31.1028

Triad

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



48.8330, 30.1553, -12.1315



46.5800, -22.9639, 38.9563



42.8120, 1.5717, -37.5461

Complementary

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



48.8330, 30.1553, -12.1315



96.1670, -30.1553, 12.1315

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.



37.5340, -13.5743, -32.9173



48.8330, 30.1553, -12.1315



48.2090, -23.7670, 16.4797

Square

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



48.8330, 30.1553, -12.1315



40.2890, -8.0305, 55.8745



44.2230, -21.8019, -7.2116



46.5740, 15.9860, -40.8454

Rectangle

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



48.8330, 30.1553, -12.1315



42.2340, 12.2096, 50.6608



44.2230, -21.8019, -7.2116



41.4440, -3.6699, -36.3464

Sweetspot

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



48.8330, 30.1553, -12.1315



119.6540, 11.5096, -4.9586



86.4350, 6.6875, -45.1085



57.1120, 6.8468, -2.7292



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



48.8330, 30.1553, -12.1315



47.5560, 47.0539, -18.9046



51.6230, 28.7799, 9.1006



51.2710, 2.3314, -1.1147



21.8980, 48.3643, -19.2045



45.7680, 99.2074, -40.1385

Inverse Universe

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



58.4510, -7.1243, 45.2085



62.5790, -11.1314, 70.5292



93.3770, -28.7799, -9.1006



51.9080, -0.4476, 3.5887



37.4760, -11.5737, 72.3735



77.2730, -23.3056, 148.8506

Previews

White Background



This preview shows how the YUV color 48.8330, 30.1553, -12.1315 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 48.8330, 30.1553, -12.1315 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 48.8330, 30.1553, -12.1315

Background



This preview shows how black text looks on a background with the YUV color 48.8330, 30.1553, -12.1315.



This preview shows how white text looks on a background with the YUV color 48.8330, 30.1553,

-12.1315.

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

48.8330, 30.1553, -12.1315

Protanopia

40.6190, 31.2468, -35.6229

Deuteranopia

40.7840, 24.2635, -35.7676



Tritanopia

40.4130, 10.1494, -35.4422

Trichromacy



Original Color

48.8330, 30.1553, -12.1315

Protanomaly

43.5600, 30.7829, -26.8011

Deuteranomaly

43.7080, 26.2730, -26.9309

Tritanomaly

43.4170, 17.5424, -26.6757

Monochromacy



Original Color

48.8330, 30.1553, -12.1315

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

48.8390, 10.9254, -4.2438

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.8330, 30.1553, -12.1315 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, 44, 110)` looks like.

```
.text, #text, p{  
    color:rgb(35, 44, 110)  
}
```

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, 44, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 44, 110) }
```

Border

The CSS property to change the border of an element to YUV 48.8330, 30.1553, -12.1315 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, 44, 110) }
```


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

```
.border{ border-color:rgb(35, 44, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 44, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 44, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 44, 110);  
box-shadow:4px 4px 4px 4px rgb(35, 44,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 48.8330, 30.1553, -12.1315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 44, 110) }
```

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

```
.background{ background-color: rgb(35, 44,  
110) }
```

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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