

Converting Colors

YUV(65.1510, 37.8866,
-18.5494)

Have a look what the booklet for
YUV(65.1510, 37.8866, -18.5494)
contains.

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Color

**YUV(65.1510, 37.8866,
-18.5494)**

Conversions

Conversions Part 1

Format	Color
Hex	2C3D8E
RGB	44, 61, 142
RGB Percent	17%, 24%, 56%
CMY	0.8275, 0.7608, 0.4431
CMYK	0.69, 0.57, 0.00, 0.44
HSL	230°, 53%, 36%
HSV	230°, 69%, 56%
XYZ	7.5899, 5.8260, 26.3157
YIQ	65.1510, -36.1330, 21.5870

Conversions

Conversions Part 2

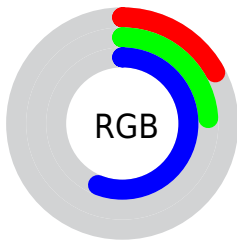
Format	Color
R _Y B	44, 58, 142
Decimal	2899342
CIE Lab	28.97, 21.48, -47.05
CIE LCh	29, 51.719, 294.540
Yxy	5.8260, 0.1910, 0.1466
Android (android.graphics.Color)	4281089422 (0xFF2C3D8E)
YUV	65.1510, 37.8866, -18.5494
Hunter-Lab	24.1370, 13.8899, -47.7457

Details

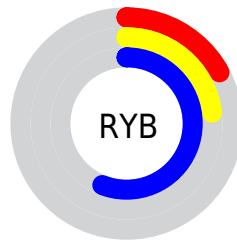
The YUV color **65.1510, 37.8866, -18.5494** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **120.8490, -37.8866, 18.5494**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.2380, 39.3227, -12.4867**, and **22.1140, 33.9608, -19.3940** is the 20% darker color. If you saturate the color by 10%, you get **53.9210, 43.4229, -20.9787**, and if you desaturate by 10%, it is **76.3810, 32.3502, -16.1201**.

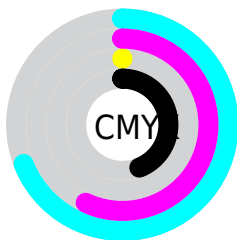
Distribution



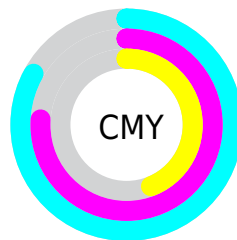
- Red (17%)
- Green (24%)
- Blue (56%)



- Red (17%)
- Yellow (23%)
- Blue (56%)



- Cyan (69%)
- Magenta (57%)
- Yellow (0%)
- Black (44%)



- Cyan (83%)
- Magenta (76%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 65.1510, 37.8866, -18.5494 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 65.1510, 37.8866, -18.5494 by changing the saturation by 10% instead.

■ 65.1510, 37.8866,
-18.5494

■ 65.1510, 37.8866,
-18.5494

■ 255.0000, 0.0000,
0.0000

■ 36.1170, 39.3823,
-31.6746

■ 116.2380, 39.3227,
-12.4867

■ 22.1140, 33.9608,
-19.3940

■ 142.5910, 40.6276,
-11.0423

■ 7.6380, 29.2655,
-6.6985

■ 169.5310, 41.6432,
-10.1127

■ 6.7770, 18.3509,
-5.9434

■ 193.8660, 30.1391,
-6.8985

■ 3.0950, 9.3202,
-2.7143

■ 218.9730, 17.7613,
-3.4843

■ 0.0000, 0.0000,
0.0000

■ 244.0800, 5.3836,

-0.0702

■ 65.1510, 37.8866,
-18.5494

■ 65.1510, 37.8866,
-18.5494

■ 53.9210, 43.4229,
-20.9787

■ 76.3810, 32.3502,
-16.1201

■ 43.2780, 48.6699,
-23.9228

■ 87.0240, 27.1032,
-13.1760

■ 31.7490, 54.3537,
-26.9669

■ 98.5530, 21.4194,
-10.1320

■ 30.8630, 54.7905,
-27.0669

■ 109.7830, 15.8830,
-7.7027

■ 121.0130, 10.3466,
-5.2734

■ 131.6560, 5.0996,
-2.3293

■ 142.8860, -0.4368,
0.1000

■ 154.4150, -6.1206,
3.1440

■ 165.6450,
-11.6570, 5.5733

Harmonies

Analogous

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



61.5980, 43.0892, -54.0214



65.1510, 37.8866, -18.5494



67.7080, 23.3150, 35.3361

Triad

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



65.1510, 37.8866, -18.5494



62.5830, -30.8534, 49.4777



56.6210, 1.1728, -49.6566

Complementary

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



65.1510, 37.8866, -18.5494



120.8490, -37.8866, 18.5494

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.



49.9580, -16.7413, -43.8132



65.1510, 37.8866, -18.5494



64.7770, -31.9351, 22.9976

Square

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



65.1510, 37.8866, -18.5494



57.0240, -9.3788, 68.3850



60.4590, -29.8063, -6.5415



61.4090, 19.5184, -53.8557

Rectangle

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



65.1510, 37.8866, -18.5494



60.3860, 15.0927, 59.2975



60.4590, -29.8063, -6.5415



54.4380, -4.6529, -47.7421

Sweetspot

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



65.1510, 37.8866, -18.5494



153.5550, 15.0094, -7.5027



110.6460, 6.5835, -58.4485



73.9700, 8.8888, -4.3587



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



65.1510, 37.8866, -18.5494



64.2910, 59.0165, -29.1962



64.4410, 38.2366, 9.2602



65.3850, 2.7682, -1.2146



28.8910, 52.3117, -25.3374



1.4990, 3.2050, -1.3146

Inverse Universe

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



75.2400, -7.0203, 58.5485



79.8250, -10.7597, 91.3615



121.5590, -38.2366, -9.2602



66.2070, -0.5951, 4.2035



42.9870, -9.8536, 80.6954



2.5060, -0.7425, 4.8182

Previews

White Background



This preview shows how the YUV color 65.1510, 37.8866, -18.5494 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 65.1510, 37.8866, -18.5494 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

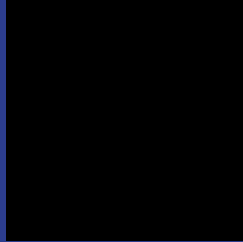
Any Text WCAG AA × Fail

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 65.1510, 37.8866, -18.5494 Background



This preview shows how black text looks on a background with the YUV color 65.1510, 37.8866, -18.5494.



This preview shows how white text looks on a background with the YUV color 65.1510, 37.8866, -18.5494.

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

65.1510, 37.8866, -18.5494

Protanopia

54.7020, 42.0519, -47.9737

Deuteranopia

54.8840, 32.5952, -48.1333



Tritanopia

53.8460, 13.3869, -47.2229

Trichromacy



Original Color

65.1510, 37.8866, -18.5494

Protanomaly

58.4260, 40.7090, -37.2076

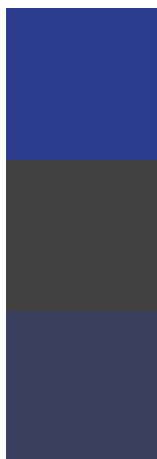
Deuteranomaly

58.8190, 34.5992, -37.5523

Tritanomaly

58.2030, 22.0849, -37.0120

Monochromacy



Original Color

65.1510, 37.8866, -18.5494

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

65.2130, 13.6990, -7.2028

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.1510, 37.8866, -18.5494 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(44, 61, 142)` looks like.

```
.text, #text, p{  
    color:rgb(44, 61, 142)  
}
```

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(44, 61, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 61, 142) }
```

Border

The CSS property to change the border of an element to YUV 65.1510, 37.8866, -18.5494 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(44, 61, 142) }
```


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

```
.border{ border-color:rgb(44, 61, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 61, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 61, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 61, 142);  
box-shadow:4px 4px 4px 4px rgb(44, 61,  
142) }
```

Background

The CSS property to change the background color of an element to YUV 65.1510, 37.8866, -18.5494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 61, 142) }
```

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

```
.background{ background-color: rgb(44, 61,  
142) }
```

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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