

Converting Colors

YUV(74.5790, 18.4486,
-37.3418)

Have a look what the booklet for
YUV(74.5790, 18.4486, -37.3418)
contains.

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Color

**YUV(74.5790, 18.4486,
-37.3418)**

Conversions

Conversions Part 1

Format	Color
Hex	205970
RGB	32, 89, 112
RGB Percent	13%, 35%, 44%
CMY	0.8745, 0.6510, 0.5608
CMYK	0.71, 0.21, 0.00, 0.56
HSL	197°, 56%, 28%
HSV	197°, 71%, 44%
XYZ	7.0927, 8.6217, 16.6196
YIQ	74.5790, -41.3550, -4.9310

Conversions

Conversions Part 2

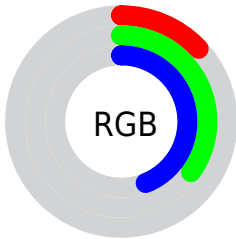
Format	Color
R_{YB}	32, 65, 112
Decimal	2120048
CIE Lab	35.25, -10.38, -18.53
CIE LCh	35, 21.241, 240.741
Yxy	8.6217, 0.2194, 0.2666
Android (android.graphics.Color)	4280310128 (0xFF205970)
YUV	74.5790, 18.4486, -37.3418
Hunter-Lab	29.3627, -8.2674, -13.0048




Details

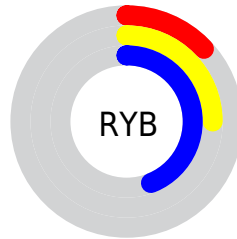
The YUV color **74.5790, 18.4486, -37.3418** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **69.4210, -18.4486, 37.3418**, and the grayscale version is **74.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **126.3020, 18.5851, -34.4679**, and **32.5370, 15.5113, -28.5349** is the 20% darker color. If you saturate the color by 10%, you get **69.5290, 20.9382, -42.5599**, and if you desaturate by 10%, it is **79.6290, 15.9589, -32.1236**.

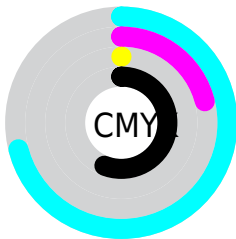
Distribution







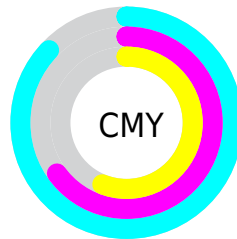
-  Red (13%)
-  Green (35%)
-  Blue (44%)






-  Red (13%)
-  Yellow (25%)
-  Blue (44%)



-  Cyan (71%)
-  Magenta (21%)
-  Yellow (0%)
-  Black (56%)



-  Cyan (87%)
-  Magenta (65%)
-  Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.5790, 18.4486, -37.3418 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 74.5790, 18.4486, -37.3418 by changing the saturation by 10% instead.

■ 74.5790, 18.4486,
-37.3418

■ 74.5790, 18.4486,
-37.3418

■ 255.0000, 0.0000,
0.0000

■ 48.7740, 19.3384,
-42.7748

■ 126.3020, 18.5851,
-34.4679

■ 32.5370, 15.5113,
-28.5349

■ 152.7150, 18.8745,
-33.9531

■ 18.8760, 11.4001,
-16.5543

■ 179.8290, 19.3113,
-34.0530

■ 2.9810, 8.8834,
-2.6143

■ 207.8290, 19.3113,
-34.0530

■ 0.0000, 0.0000,
0.0000

■ 234.1360, 10.2860,
-32.5683

■ 246.0300, 4.4222,

-18.4433

■ 74.5790, 18.4486,
-37.3418

■ 74.5790, 18.4486,
-37.3418

■ 69.5290, 20.9382,
-42.5599

■ 79.6290, 15.9589,
-32.1236

■ 64.4790, 23.4279,
-47.7781

■ 84.6790, 13.4693,
-26.9055

■ 59.7280, 25.7701,
-52.3815

■ 90.6150, 10.5428,
-21.5874

■ 95.6650, 8.0532,
-16.3692

■ 100.7150, 5.5635,
-11.1511

■ 105.7650, 3.0739,
-5.9329

■ 111.4020, 0.2948,
-1.2296

■ 116.7510, -2.3422,
4.6034

■ 121.8010, -4.8319,
9.8215

Harmonies

Analogous

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



70.7860, 14.4025, -46.2933



74.5790, 18.4486, -37.3418



80.5860, 17.9521, -18.0539

Triad

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



74.5790, 18.4486, -37.3418



84.9370, -0.9549, 26.3653



79.8350, -13.2297, -3.3633

Complementary

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



74.5790, 18.4486, -37.3418



69.4210, -18.4486, 37.3418

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.



81.8260, -16.1832, 10.6766



74.5790, 18.4486, -37.3418



83.5860, -8.6699, 27.5501

Square

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



74.5790, 18.4486, -37.3418



85.6460, 7.0765, 16.9735



83.0600, -14.3266, 21.8724



77.0980, -5.4713, -18.5029

Rectangle

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



74.5790, 18.4486, -37.3418



82.9790, 15.2934, -5.2436



83.0600, -14.3266, 21.8724



80.8140, -14.6983, 1.0401

Sweetspot

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



74.5790, 18.4486, -37.3418



131.3340, 6.7373, -14.3249



81.5820, -13.1049, -43.4834



65.3840, 4.2477, -9.1068



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



74.5790, 18.4486, -37.3418



86.4930, 28.8440, -58.3144



51.0990, 30.0242, -16.7498



53.0320, 1.4632, -2.6591



63.5750, 27.8175, -55.7553



131.4700, 56.9563, -115.2992

Inverse Universe

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



62.4180, 13.1049, 43.4834



67.5210, 20.4491, 67.9491



92.9010, -30.0242, 16.7498



52.2500, 0.8628, 3.2888



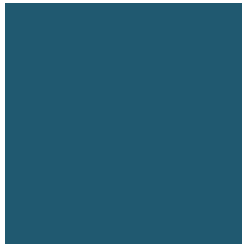
45.5700, 19.4390, 65.2751



93.9170, 40.4669, 134.2538

Previews

White Background



This preview shows how the YUV color 74.5790, 18.4486, -37.3418 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 74.5790, 18.4486, -37.3418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

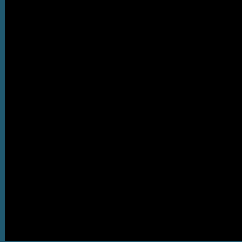
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 74.5790, 18.4486, -37.3418

Background



This preview shows how black text looks on a background with the YUV color 74.5790, 18.4486, -37.3418.



This preview shows how white text looks on a background with the YUV color 74.5790, 18.4486,

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

74.5790, 18.4486, -37.3418

Protanopia

83.0560, 11.8044, -6.1881

Deuteranopia

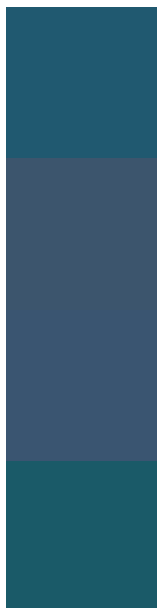
82.9570, 15.3042, -8.7323



Tritanopia

71.2810, 13.6655, -43.2194

Trichromacy



Original Color

74.5790, 18.4486, -37.3418

Protanomaly

80.2610, 14.1683, -17.7689

Deuteranomaly

80.1190, 16.2103, -19.3984

Tritanomaly

72.4600, 15.5492, -40.7454

Monochromacy



Original Color

74.5790, 18.4486, -37.3418

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

74.6330, 6.5899, -13.7101

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.5790, 18.4486, -37.3418 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(32, 89, 112)` looks like.

```
.text, #text, p{  
    color:rgb(32, 89, 112)  
}
```

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(32, 89, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 89, 112) }
```

Border

The CSS property to change the border of an element to YUV 74.5790, 18.4486, -37.3418 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(32, 89, 112) }
```


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

```
.border{ border-color:rgb(32, 89, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 89, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 89, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 89, 112);  
box-shadow:4px 4px 4px 4px rgb(32, 89,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 74.5790, 18.4486, -37.3418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 89, 112) }
```

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

```
.background{ background-color: rgb(32, 89,  
112) }
```

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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