

Converting Colors

YUV(77.5790, 18.4486,
-37.3418)

Have a look what the booklet for
YUV(77.5790, 18.4486, -37.3418)
contains.

YUV(77.5790, 18.4486, -37.3418)	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(77.5790, 18.4486,
-37.3418)**

Conversions

Conversions Part 1

Format	Color
Hex	235C73
RGB	35, 92, 115
RGB Percent	14%, 36%, 45%
CMY	0.8627, 0.6392, 0.5490
CMYK	0.70, 0.20, 0.00, 0.55
HSL	197°, 53%, 29%
HSV	197°, 70%, 45%
XYZ	7.6148, 9.2494, 17.6036
YIQ	77.5790, -41.3550, -4.9310

Conversions

Conversions Part 2

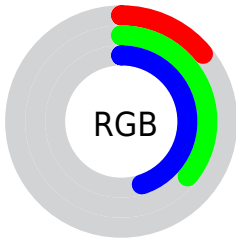
Format	Color
R _Y B	35, 68, 115
Decimal	2317427
CIE Lab	36.46, -10.57, -18.51
CIE LCh	36, 21.313, 240.257
Yxy	9.2494, 0.2209, 0.2683
Android (android.graphics.Color)	4280507507 (0xFF235C73)
YUV	77.5790, 18.4486, -37.3418
Hunter-Lab	30.4129, -8.5296, -13.0293

Details

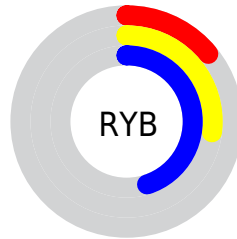
The YUV color **77.5790, 18.4486, -37.3418** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **72.4210, -18.4486, 37.3418**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.3020, 18.5851, -34.4679**, and **34.6400, 15.9535, -30.3793** is the 20% darker color. If you saturate the color by 10%, you get **72.5290, 20.9382, -42.5599**, and if you desaturate by 10%, it is **82.9280, 15.8115, -31.5089**.

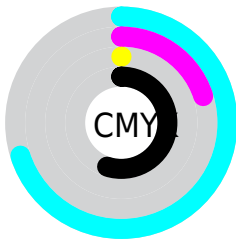
Distribution



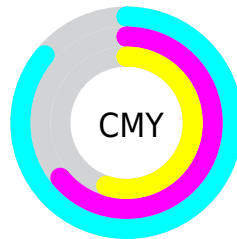
- Red (14%)
- Green (36%)
- Blue (45%)



- Red (14%)
- Yellow (27%)
- Blue (45%)



- Cyan (70%)
- Magenta (20%)
- Yellow (0%)
- Black (55%)



- Cyan (86%)
- Magenta (64%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.5790, 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 77.5790, 18.4486, -37.3418 by changing the saturation by 10% instead.

■ 77.5790, 18.4486,
-37.3418

■ 77.5790, 18.4486,
-37.3418

■ 255.0000, 0.0000,
0.0000

■ 50.1760, 19.6332,
-44.0044

■ 129.3020, 18.5851,
-34.4679

■ 34.6400, 15.9535,
-30.3793

■ 156.3020, 18.5851,
-34.4679

■ 20.3920, 12.1317,
-17.8838

■ 183.4160, 19.0219,
-34.5678

■ 3.3230, 10.1938,
-2.9143

■ 211.5300, 19.4587,
-34.6678

■ 0.0000, 0.0000,
0.0000

■ 237.3810, 8.6862,
-32.7831

■ 247.2260, 3.8326,

-15.9842

■ 77.5790, 18.4486,
-37.3418

■ 77.5790, 18.4486,
-37.3418

■ 72.5290, 20.9382,
-42.5599

■ 82.9280, 15.8115,
-31.5089

■ 66.5930, 23.8647,
-47.8781

■ 88.5650, 13.0325,
-26.8055

■ 61.5430, 26.3543,
-53.0962

■ 93.9140, 10.3954,
-20.9726

■ 61.2440, 26.5017,
-53.7110

■ 98.9640, 7.9057,
-15.7544

■ 104.9000, 4.9793,
-10.4363

■ 109.9500, 2.4896,
-5.2182

■ 115.2990, -0.1474,
0.6148

■ 120.3490, -2.6371,
5.8329

■ 126.2850, -5.5635,
11.1511

Harmonies

Analogous

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



74.2700, 13.6709, -44.9638



77.5790, 18.4486, -37.3418



83.2870, 18.0995, -18.6687

Triad

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



77.5790, 18.4486, -37.3418



87.9370, -0.9549, 26.3653



82.8350, -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.



77.5790, 18.4486, -37.3418



72.4210, -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.



84.7120, -16.6200, 10.7766



77.5790, 18.4486, -37.3418



86.8850, -8.8173, 28.1649

Square

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



77.5790, 18.4486, -37.3418



88.6460, 7.0765, 16.9735



86.0600, -14.3266, 21.8724



79.9840, -5.9081, -18.4030

Rectangle

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



77.5790, 18.4486, -37.3418



86.0930, 15.7302, -5.3436



86.0600, -14.3266, 21.8724



83.4120, -14.9931, 2.2697

Sweetspot

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



77.5790, 18.4486, -37.3418



135.4480, 7.1741, -14.4249



84.5820, -13.1049, -43.4834



67.4980, 4.6845, -9.2067



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.



77.5790, 18.4486, -37.3418



92.3790, 28.4072, -58.2144



54.0990, 30.0242, -16.7498



56.0320, 1.4632, -2.6591



64.9770, 28.1123, -56.9848



132.9860, 57.6879, -116.6287

Inverse Universe

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



65.4180, 13.1049, 43.4834



73.2220, 20.5966, 67.3343



95.9010, -30.0242, 16.7498



55.2500, 0.8628, 3.2888



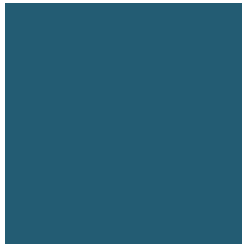
46.3960, 20.0178, 66.3047



95.0420, 40.8983, 135.8982

Previews

White Background



This preview shows how the YUV color 77.5790, 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 77.5790, 18.4486, -37.3418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

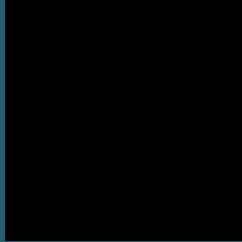
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.5790, 18.4486, -37.3418

Background



This preview shows how black text looks on a background with the YUV color 77.5790, 18.4486, -37.3418.



This preview shows how white text looks on a background with the YUV color 77.5790, 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

77.5790, 18.4486, -37.3418

Protanopia

85.9420, 11.3676, -6.0881

Deuteranopia

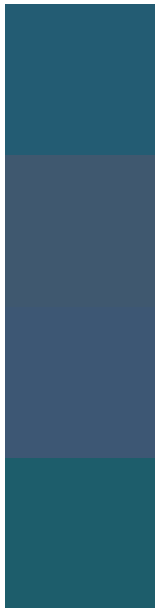
85.3700, 15.5936, -8.2175



Tritanopia

74.5800, 13.5181, -42.6047

Trichromacy



Original Color

77.5790, 18.4486, -37.3418

Protanomaly

83.1470, 13.7315, -17.6689

Deuteranomaly

82.5320, 16.4997, -18.8836

Tritanomaly

75.4600, 15.5492, -40.7454

Monochromacy



Original Color

77.5790, 18.4486, -37.3418

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

77.6330, 6.5899, -13.7101

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.5790, 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(35, 92, 115)` looks like.

```
.text, #text, p{  
    color:rgb(35, 92, 115)  
}
```

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, 92, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 92, 115) }
```

Border

The CSS property to change the border of an element to YUV 77.5790, 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(35, 92, 115) }
```


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

```
.border{ border-color:rgb(35, 92, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 92, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 92, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 92, 115);  
box-shadow:4px 4px 4px 4px rgb(35, 92,  
115) }
```

Background

The CSS property to change the background color of an element to YUV 77.5790, 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(35, 92, 115) }
```

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

```
.background{ background-color: rgb(35, 92,  
115) }
```

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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