

# Converting Colors

YUV(66.5790, 18.4486,  
-37.3418)

Have a look what the booklet for  
YUV(66.5790, 18.4486, -37.3418)  
contains.

|                                                |    |
|------------------------------------------------|----|
| <b>YUV(66.5790, 18.4486, -37.3418)</b> .....   | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 12 |
| <b><i>Previews</i></b> .....                   | 24 |
| <b><i>Color Blindness Simulation</i></b> ..... | 28 |
| <b><i>CSS Examples</i></b> .....               | 31 |

# Color

**YUV(66.5790, 18.4486,  
-37.3418)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | 185168                     |
| RGB         | 24, 81, 104                |
| RGB Percent | 9%, 32%, 41%               |
| CMY         | 0.9059, 0.6824, 0.5922     |
| CMYK        | 0.77, 0.22, 0.00, 0.59     |
| HSL         | 197°, 62%, 25%             |
| HSV         | 197°, 77%, 41%             |
| XYZ         | 5.8178, 7.0785, 14.1564    |
| YIQ         | 66.5790, -41.3550, -4.9310 |

# Conversions

## Conversions Part 2

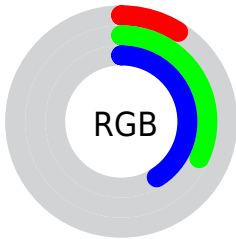
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 24, 57, 104                   |
| Decimal                             | 1593704                       |
| CIE <sub>Lab</sub>                  | 31.99, -9.78, -18.59          |
| CIE <sub>LCh</sub>                  | 32, 21.004, 242.244           |
| Yxy                                 | 7.0785, 0.2151,<br>0.2617     |
| Android<br>(android.graphics.Color) | 4279783784<br>(0xFF185168)    |
| YUV                                 | 66.5790, 18.4486,<br>-37.3418 |
| Hunter-Lab                          | 26.6055, -7.5271,<br>-12.9234 |

# Details

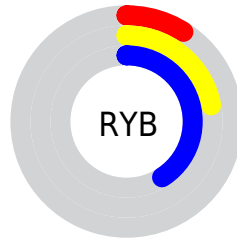
The YUV color **66.5790, 18.4486, -37.3418** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **61.4210, -18.4486, 37.3418**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.9000, 18.2903, -33.2383**, and **27.6300, 14.4794, -24.2315** is the 20% darker color. If you saturate the color by 10%, you get **61.8280, 20.7908, -41.9452**, and if you desaturate by 10%, it is **71.3300, 16.1063, -32.7384**.

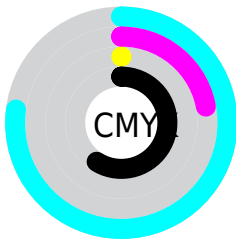
# Distribution



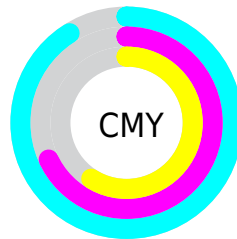
- Red (9%)
- Green (32%)
- Blue (41%)



- Red (9%)
- Yellow (22%)
- Blue (41%)



- Cyan (77%)
- Magenta (22%)
- Yellow (0%)
- Black (59%)



- Cyan (91%)
- Magenta (68%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 66.5790, 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 66.5790, 18.4486, -37.3418 by changing the saturation by 10% instead.



66.5790, 18.4486,  
-37.3418

66.5790, 18.4486,  
-37.3418

255.0000, 0.0000,  
0.0000

43.1660, 18.1592,  
-37.8566

117.9000, 18.2903,  
-33.2383

27.6300, 14.4794,  
-24.2315

144.3130, 18.5797,  
-32.7235

12.7950, 10.9471,  
-11.2212

171.4270, 19.0165,  
-32.8235

1.3680, 5.2416,  
-1.1997

199.1280, 19.1639,  
-33.4383

0.0000, 0.0000,  
0.0000

225.8740, 14.3591,  
-32.3385

243.6380, 5.6015,

-23.3615

252.6080, 1.1793,  
-4.9182

66.5790, 18.4486,  
-37.3418

66.5790, 18.4486,  
-37.3418

61.8280, 20.7908,  
-41.9452

71.3300, 16.1063,  
-32.7384

56.7780, 23.2804,  
-47.1633

76.3800, 13.6167,  
-27.5203

55.2940, 24.0121,  
-48.4928

81.1310, 11.2744,  
-22.9169

86.1810, 8.7848,  
-17.6987

90.9320, 6.4425,  
-13.0954

■ 95.6830, 4.1003,  
-8.4920

■ 100.7330, 1.6106,  
-3.2738

■ 105.4840, -0.7316,  
1.3295

■ 110.5340, -3.2213,  
6.5477

# Harmonies

## Analogous

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



61.2910, 15.1395, -49.3672



66.5790, 18.4486, -37.3418



72.7710, 17.3679, -17.3392

# Triad

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



66.5790, 18.4486, -37.3418



76.6380, -0.8075, 25.7505



72.0630, -12.3561, -3.5633

# Complementary

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



66.5790, 18.4486, -37.3418



61.4210, -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.



74.2280, -15.8884, 9.4470



66.5790, 18.4486, -37.3418



75.8740, -8.8119, 26.4205

# Square

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



66.5790, 18.4486, -37.3418



77.5320, 6.6397, 17.0734



75.3480, -14.4686, 20.7428



69.7990, -5.3239, -19.1177



# Rectangle

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



66.5790, 18.4486, -37.3418



76.1640, 14.7091, -4.5288



75.3480, -14.4686, 20.7428



72.9280, -14.2615, 0.9401

# Sweetspot

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



66.5790, 18.4486, -37.3418



120.4480, 7.1741, -14.4249



73.5820, -13.1049, -43.4834



59.7970, 4.5371, -8.5920



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000



# Same Dimension

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



66.5790, 18.4486, -37.3418



76.7920, 28.6965, -57.6996



43.0990, 30.0242, -16.7498



48.9180, 1.0264, -2.5591



61.2440, 26.5017, -53.7110



129.1390, 55.6405, -113.2549



# Inverse Universe

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



54.4180, 13.1049, 43.4834



58.1080, 20.1598, 67.4343



84.9010, -30.0242, 16.7498



47.9510, 1.0102, 2.6740



43.7330, 18.8656, 62.5012

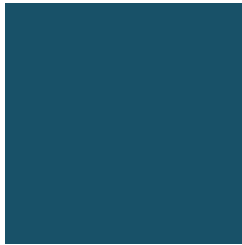


92.0800, 39.8936, 131.4798



# Previews

## White Background



This preview shows how the YUV color 66.5790, 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 66.5790, 18.4486, -37.3418 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

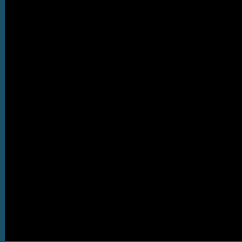
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 66.5790, 18.4486, -37.3418

## Background



This preview shows how black text looks on a background with the YUV color 66.5790, 18.4486, -37.3418.



This preview shows how white text looks on a background with the YUV color 66.5790, 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

66.5790, 18.4486, -37.3418

### Protanopia

75.0560, 11.8044, -6.1881

### Deuteranopia

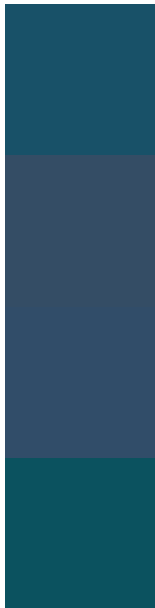
74.6580, 15.4516, -9.3471



## Tritanopia

60.1770, 14.7027, -49.2672

# Trichromacy



## Original Color

66.5790, 18.4486, -37.3418

## Protanomaly

72.2610, 14.1683, -17.7689

## Deuteranomaly

71.8200, 16.3577, -20.0131

## Tritanomaly

62.2530, 16.1443, -44.9489

# Monochromacy



## Original Color

66.5790, 18.4486, -37.3418

## Achromatopsia

67.0000, 0.0000, 0.0000

## Achromatomaly

66.6330, 6.5899, -13.7101

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 66.5790, 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(24, 81, 104)` looks like.

```
.text, #text, p{  
    color:rgb(24, 81, 104)  
}
```

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(24, 81, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 81, 104) }
```

## Border

The CSS property to change the border of an element to YUV 66.5790, 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(24, 81, 104) }
```



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

```
.border{ border-color:rgb(24, 81, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 81, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 81, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 81, 104);  
box-shadow:4px 4px 4px 4px rgb(24, 81,  
104) }
```

# Background

The CSS property to change the background color of an element to YUV 66.5790, 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(24, 81, 104) }
```

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

```
.background{ background-color: rgb(24, 81,  
104) }
```

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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