

Converting Colors

YUV(73.3790, -5.1168, -38.9204)

Have a look what the booklet for
YUV(73.3790, -5.1168, -38.9204)
contains.

YUV(73.3790, -5.1168, -38.9204)	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(73.3790, -5.1168,
-38.9204)**

Conversions

Conversions Part 1

Format	Color
Hex	1D623F
RGB	29, 98, 63
RGB Percent	11%, 38%, 25%
CMY	0.8863, 0.6157, 0.7529
CMYK	0.70, 0.00, 0.36, 0.62
HSL	150°, 54%, 25%
HSV	150°, 70%, 38%
XYZ	5.7716, 9.3555, 6.2042
YIQ	73.3790, -29.8890, -25.5130

Conversions

Conversions Part 2

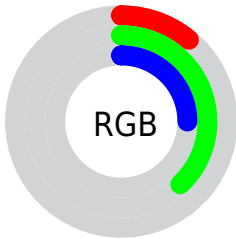
Format	Color
R_{YB}	29, 75, 98
Decimal	1925695
CIE _{Lab}	36.66, -30.46, 13.83
CIE _{LCh}	37, 33.449, 155.574
Yxy	9.3555, 0.2706, 0.4386
Android (android.graphics.Color)	4280115775 (0xFF1D623F)
YUV	73.3790, -5.1168, -38.9204
Hunter-Lab	30.5867, -19.8445, 9.3843

Details

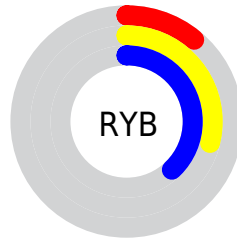
The YUV color **73.3790, -5.1168, -38.9204** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **53.6210, 5.1168, 38.9204**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.6350, -6.7221, -37.3909**, and **31.6300, -5.7336, -27.7395** is the 20% darker color. If you saturate the color by 10%, you get **69.8190, -5.8268, -44.5683**, and if you desaturate by 10%, it is **76.9390, -4.4069, -33.2725**.

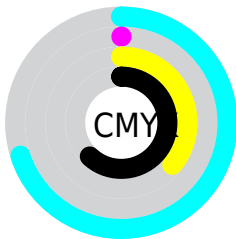
Distribution



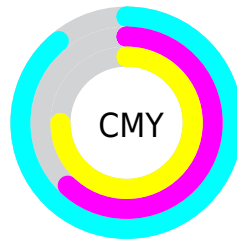
- Red (11%)
- Green (38%)
- Blue (25%)



- Red (11%)
- Yellow (29%)
- Blue (38%)



- Cyan (70%)
- Magenta (0%)
- Yellow (36%)
- Black (62%)



- Cyan (89%)
- Magenta (62%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.3790, -5.1168, -38.9204 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 73.3790, -5.1168, -38.9204 by changing the saturation by 10% instead.

■ 73.3790, -5.1168,
-38.9204

■ 73.3790, -5.1168,
-38.9204

255.0000, 0.0000,
0.0000

■ 48.1120, -3.5062,
-42.1942

■ 124.6350, -6.7221,
-37.3909

■ 31.6300, -5.7336,
-27.7395

■ 151.4070, -7.5957,
-37.1909

■ 18.1970, -8.9711,
-15.9588

■ 178.6950, -7.7376,
-38.3205

■ 0.0000, 0.0000,
0.0000

■ 206.2820, -8.0270,
-38.8353

■ 231.3470, -6.5801,
-36.2613

■ 243.2100, 1.3755,

-21.2322

252.9070, 1.0318,
-4.3034

73.3790, -5.1168,
-38.9204

73.3790, -5.1168,
-38.9204

69.8190, -5.8268,
-44.5683

76.9390, -4.4069,
-33.2725

66.2590, -6.5367,
-50.2161

80.4990, -3.6970,
-27.6246

62.9980, -7.3940,
-55.2492

83.7600, -2.8397,
-22.5915

87.3200, -2.1298,
-16.9436

90.8800, -1.4198,
-11.2958

■ 94.4400, -0.7099,
-5.6479

■ 98.0000, 0.0000,
0.0000

■ 101.2610, 0.8573,
5.0331

■ 104.8210, 1.5672,
10.6810

Harmonies

Analogous

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



80.3690, -19.9019, -9.9706



73.3790, -5.1168, -38.9204



69.0740, 10.8095, -60.5779

Triad

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



73.3790, -5.1168, -38.9204



80.7830, 29.1940, -30.5047



85.4800, -14.5336, 41.6750

Complementary

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



73.3790, -5.1168, -38.9204



53.6210, 5.1168, 38.9204

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.



86.9930, -2.4615, 42.9791



73.3790, -5.1168, -38.9204



88.4240, 20.4970, 5.7672

Square

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



73.3790, -5.1168, -38.9204



71.1550, 31.4756, -62.4029



88.5320, 10.0907, 30.2284



84.9980, -23.6630, 29.8198

Rectangle

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



73.3790, -5.1168, -38.9204



70.5390, 18.9613, -61.8627



88.5320, 10.0907, 30.2284



86.2290, -10.4659, 43.6492

Sweetspot

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



73.3790, -5.1168, -38.9204



118.3310, -2.1352, -15.1993



80.2670, -25.2746, -13.3892



58.3040, -1.1359, -9.0366



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



73.3790, -5.1168, -38.9204



89.4380, -8.1039, -60.8971



77.2550, 9.7343, -42.3196



46.5760, -0.2840, -2.2592



72.0140, -8.3879, -63.1563



154.3320, -17.9117, -135.3492

Inverse Universe

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



53.6210, 5.1168, 38.9204



58.5620, 8.1039, 60.8971



49.7450, -9.7343, 42.3196



45.4240, 0.2840, 2.2592



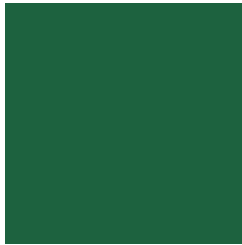
39.9860, 8.3879, 63.1563



85.6680, 17.9117, 135.3492

Previews

White Background



This preview shows how the YUV color 73.3790, -5.1168, -38.9204 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 73.3790, -5.1168, -38.9204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

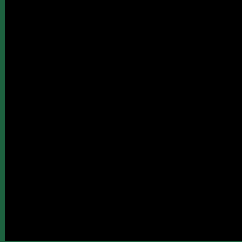
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 73.3790, -5.1168, -38.9204

Background



This preview shows how black text looks on a background with the YUV color 73.3790, -5.1168, -38.9204.



This preview shows how white text looks on a background with the YUV color 73.3790, -5.1168, -38.9204.

-38.9204.

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

73.3790, -5.1168, -38.9204

Protanopia

84.9010, -13.2622, 7.1028

Deuteranopia

85.9710, -9.3527, 13.1804



Tritanopia

79.2610, 10.7173, -30.9239

Trichromacy



Original Color

73.3790, -5.1168, -38.9204

Protanomaly

80.6000, -10.1558, -9.2962

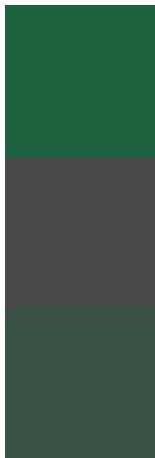
Deuteranomaly

81.6050, -7.6933, -5.7926

Tritanomaly

77.3440, 4.7604, -33.6277

Monochromacy



Original Color

73.3790, -5.1168, -38.9204

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

73.0430, -1.9932, -14.0697

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.3790, -5.1168, -38.9204 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(29, 98, 63)` looks like.

```
.text, #text, p{  
    color:rgb(29, 98, 63)  
}
```

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(29, 98, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 98, 63) }
```

Border

The CSS property to change the border of an element to YUV 73.3790, -5.1168, -38.9204 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(29, 98, 63) }
```


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

```
.border{ border-color:rgb(29, 98, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 98, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 98, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 98, 63);  
box-shadow:4px 4px 4px 4px rgb(29, 98, 63)  
}
```

Background

The CSS property to change the background color of an element to YUV 73.3790, -5.1168, -38.9204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 98, 63) }
```

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

```
.background{ background-color: rgb(29, 98,  
63) }
```

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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