

Converting Colors

YUV(73.7950, 4.0451, -37.5312)

Have a look what the booklet for
YUV(73.7950, 4.0451, -37.5312)
contains.

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Color

**YUV(73.7950, 4.0451,
-37.5312)**

Conversions

Conversions Part 1

Format	Color
Hex	1F5E52
RGB	31, 94, 82
RGB Percent	12%, 37%, 32%
CMY	0.8784, 0.6314, 0.6784
CMYK	0.67, 0.00, 0.13, 0.63
HSL	169°, 50%, 25%
HSV	169°, 67%, 37%
XYZ	6.0908, 8.9059, 9.3806
YIQ	73.7950, -33.6960, -17.0880

Conversions

Conversions Part 2

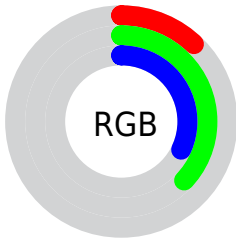
Format	Color
R_{YB}	31, 66, 94
Decimal	2055762
CIE _{Lab}	35.80, -23.20, 0.98
CIE _{LCh}	36, 23.222, 177.576
Yxy	8.9059, 0.2499, 0.3653
Android (android.graphics.Color)	4280245842 (0xFF1F5E52)
YUV	73.7950, 4.0451, -37.5312
Hunter-Lab	29.8428, -15.7938, 2.2530

Details

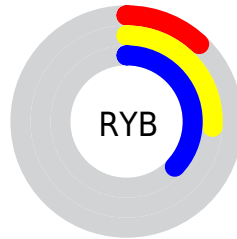
The YUV color **73.7950, 4.0451, -37.5312** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **51.2050, -4.0451, 37.5312**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.1650, 2.8767, -36.1017**, and **31.8070, 2.5601, -27.8947** is the 20% darker color. If you saturate the color by 10%, you get **70.8760, 4.4981, -42.8643**, and if you desaturate by 10%, it is **76.7140, 3.5920, -32.1982**.

Distribution



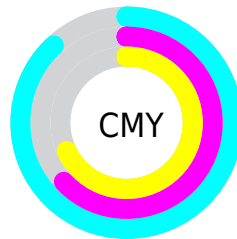
- Red (12%)
- Green (37%)
- Blue (32%)



- Red (12%)
- Yellow (26%)
- Blue (37%)



- Cyan (67%)
- Magenta (0%)
- Yellow (13%)
- Black (63%)



- Cyan (88%)
- Magenta (63%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.7950, 4.0451, -37.5312 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 73.7950, 4.0451, -37.5312 by changing the saturation by 10% instead.

■ 73.7950, 4.0451,
-37.5312

■ 73.7950, 4.0451,
-37.5312

255.0000, 0.0000,
0.0000

■ 47.8160, 5.5137,
-41.9346

■ 125.1650, 2.8767,
-36.1017

■ 31.8070, 2.5601,
-27.8947

■ 151.7520, 2.5873,
-36.6165

■ 18.2600, -1.1142,
-16.0140

■ 178.4530, 2.7347,
-37.2313

■ 0.0000, 0.0000,
0.0000

■ 206.4530, 2.7347,
-37.2313

■ 234.1540, 2.8821,
-37.8461

■ 244.5350, 5.1592,

-21.5172

253.2060, 0.8844,
-3.6887

73.7950, 4.0451,
-37.5312

73.7950, 4.0451,
-37.5312

70.8760, 4.4981,
-42.8643

76.7140, 3.5920,
-32.1982

67.6580, 5.0986,
-48.8121

79.9320, 2.9915,
-26.2504

64.8530, 5.9885,
-54.2451

82.7370, 2.1017,
-20.8173

63.8420, 5.9939,
-55.9894

85.9550, 1.5012,
-14.8695

88.8740, 1.0481,
-9.5365

■ 91.7930, 0.5951,
-4.2035

■ 95.0110, -0.0054,
1.7444

■ 97.8160, -0.8953,
7.1774

■ 101.0340, -1.4958,
13.1252

Harmonies

Analogous

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



78.3430, -7.0711, -18.7178



73.7950, 4.0451, -37.5312



66.9910, 16.7664, -57.8741

Triad

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



73.7950, 4.0451, -37.5312



85.4140, 15.5719, -1.2401



84.1420, -15.3530, 24.4315

Complementary

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



73.7950, 4.0451, -37.5312



51.2050, -4.0451, 37.5312

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.



85.3090, -8.5333, 30.4240



73.7950, 4.0451, -37.5312



86.4010, 8.6763, 17.1883

Square

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



73.7950, 4.0451, -37.5312



80.4220, 20.0050, -23.1721



86.1760, -0.0868, 27.9096



83.3810, -17.9358, 12.8209

Rectangle

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



73.7950, 4.0451, -37.5312



68.4520, 20.9762, -54.7704



86.1760, -0.0868, 27.9096



84.7340, -13.1799, 27.4203

Sweetspot

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



73.7950, 4.0451, -37.5312



114.3680, 1.7906, -14.3547



71.8680, -20.1479, -24.4402



56.4720, 0.7533, -8.3069



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



73.7950, 4.0451, -37.5312



90.6460, 6.5835, -58.4485



64.0100, 14.7851, -28.9498



44.3910, 0.3002, -2.9739



74.7160, 7.0420, -65.5259



161.0070, 15.2795, -141.2031

Inverse Universe

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



51.2050, -4.0451, 37.5312



55.4680, -6.1467, 58.3486



60.9900, -14.7851, 28.9498



42.6090, -0.3002, 2.9739



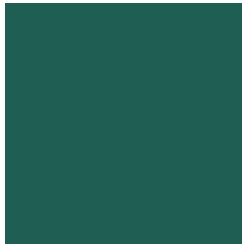
35.2840, -7.0420, 65.5259



75.9930, -15.2795, 141.2031

Previews

White Background



This preview shows how the YUV color 73.7950, 4.0451, -37.5312 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 73.7950, 4.0451, -37.5312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

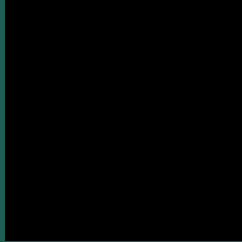
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 73.7950, 4.0451, -37.5312

Background



This preview shows how black text looks on a background with the YUV color 73.7950, 4.0451, -37.5312.



This preview shows how white text looks on a background with the YUV color 73.7950, 4.0451, -37.5312.

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

73.7950, 4.0451, -37.5312

Protanopia

83.9850, -3.9366, 2.6442

Deuteranopia

84.7450, 0.1257, 6.3626



Tritanopia

76.9510, 10.8702, -33.2830

Trichromacy



Original Color

73.7950, 4.0451, -37.5312

Protanomaly

80.5810, -1.2724, -11.9105

Deuteranomaly

80.9880, 1.4849, -9.6365

Tritanomaly

75.9570, 8.4022, -35.0423

Monochromacy



Original Color

73.7950, 4.0451, -37.5312

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

73.6670, 1.6432, -13.7400

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.7950, 4.0451, -37.5312 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(31, 94, 82)` looks like.

```
.text, #text, p{  
    color:rgb(31, 94, 82)  
}
```

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(31, 94, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 94, 82) }
```

Border

The CSS property to change the border of an element to YUV 73.7950, 4.0451, -37.5312 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(31, 94, 82) }
```


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

```
.border{ border-color:rgb(31, 94, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 94, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 94, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 94, 82);  
box-shadow:4px 4px 4px 4px rgb(31, 94, 82)  
}
```

Background

The CSS property to change the background color of an element to YUV 73.7950, 4.0451, -37.5312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 94, 82) }
```

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

```
.background{ background-color: rgb(31, 94,  
82) }
```

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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