

Converting Colors

YUV(79.5740, -10.6360, 4.7586)

Have a look what the booklet for
YUV(79.5740, -10.6360, 4.7586)
contains.

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Color

**YUV(79.5740, -10.6360,
4.7586)**

Conversions

Conversions Part 1

Format	Color
Hex	55513A
RGB	85, 81, 58
RGB Percent	33%, 32%, 23%
CMY	0.6667, 0.6824, 0.7725
CMYK	0.00, 0.05, 0.32, 0.67
HSL	51°, 19%, 28%
HSV	51°, 32%, 33%
XYZ	7.4525, 8.1216, 5.1778
YIQ	79.5740, 9.7670, -6.3050

Conversions

Conversions Part 2

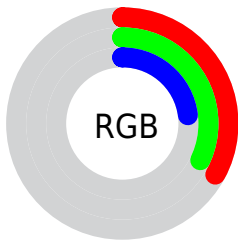
Format	Color
RYB	63, 85, 58
Decimal	5591354
CIELab	34.23, -2.52, 14.15
CIELCh	34, 14.376, 100.116
Yxy	8.1216, 0.3591, 0.3914
Android (android.graphics.Color)	4283781434 (0xFF55513A)
YUV	79.5740, -10.6360, 4.7586
Hunter-Lab	28.4985, -3.1940, 9.1767

Details


The YUV color **79.5740, -10.6360, 4.7586** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **63.4260, 10.6360, -4.7586**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.6450, -11.6570, 5.5733**, and **35.0900, -9.9044, 3.4291** is the 20% darker color. If you saturate the color by 10%, you get **77.9610, -14.2778, 6.1732**, and if you desaturate by 10%, it is **81.0730, -7.4310, 3.4440**.

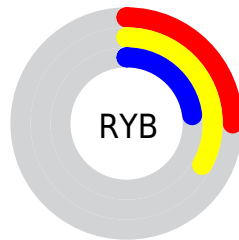
Distribution



 Red (33%)

 Green (32%)

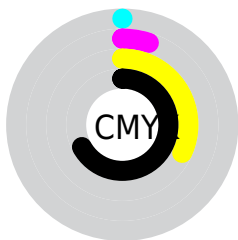
 Blue (23%)



 Red (25%)

 Yellow (33%)

 Blue (23%)

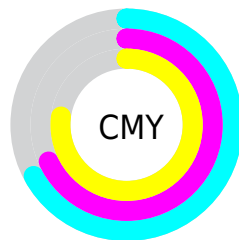


 Cyan (0%)

 Magenta (5%)

 Yellow (32%)

 Black (67%)



 Cyan (67%)

 Magenta (68%)

 Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 79.5740, -10.6360, 4.7586 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 79.5740, -10.6360, 4.7586 by changing the saturation by 10% instead.

■ 79.5740, -10.6360,
4.7586

■ 79.5740, -10.6360,
4.7586

■ 255.0000, 0.0000,
0.0000

■ 56.6880, -10.1992,
4.6586

■ 128.6450,
-11.6570, 5.5733

■ 35.0900, -9.9044,
3.4291

■ 154.6450,
-11.6570, 5.5733

■ 14.1760, -6.9888,
1.5996

■ 181.8300,
-12.2412, 6.2881

■ 0.0000, 0.0000,
0.0000

■ 209.4170,
-12.5306, 5.7733

■ 237.6020,
-13.1148, 6.4880

■ 253.2900, -6.5520,

1.4997

■ 79.5740, -10.6360,
4.7586

■ 79.5740, -10.6360,
4.7586

■ 77.9610, -14.2778,
6.1732

■ 81.0730, -7.4310,
3.4440

■ 75.8750, -17.1934,
8.0026

■ 83.2730, -4.0786,
1.5146

■ 74.2620, -20.8352,
9.4172

■ 84.7720, -0.8736,
0.2000

■ 72.7630, -24.0402,
10.7318

■ 86.3850, 2.7682,
-1.2146

■ 71.1500, -27.6819,
12.1465

■ 87.8840, 5.9732,
-2.5293

■ 69.0640, -30.5976,
13.9759

■ 90.0840, 9.3256,
-4.4587

■ 67.6790, -33.3657,
15.1905

■ 91.5830, 12.5306,
-5.7733

■ 93.1960, 16.1724,
-7.1879

■ 94.6950, 19.3774,
-8.5025

Harmonies

Analogous

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



80.6290, -10.6631, 13.4804



79.5740, -10.6360, 4.7586



78.0180, -7.4039, -5.2778

Triad

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



79.5740, -10.6360, 4.7586



75.6640, 9.5326, -24.2613



82.2990, 3.3036, 13.7698

Complementary

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



79.5740, -10.6360, 4.7586



63.4260, 10.6360, -4.7586

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.



81.7970, 7.9881, 4.5630



79.5740, -10.6360, 4.7586



77.9790, 11.8424, -18.3986

Square

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



79.5740, -10.6360, 4.7586



75.5950, 4.1437, -22.4468



80.2300, 11.2256, -7.2177



82.1380, -2.5330, 19.1730

Rectangle

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



79.5740, -10.6360, 4.7586



77.4840, -4.1826, -11.8255



80.2300, 11.2256, -7.2177



82.3310, 4.7668, 11.1107

Sweetspot

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



79.5740, -10.6360, 4.7586



107.5720, -4.2260, 2.1294



66.5290, -2.2328, 16.1991



54.6150, -2.7682, 1.2146



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



79.5740, -10.6360, 4.7586



101.1030, -16.3198, 7.8027



79.2310, -10.4669, -2.8336



42.5440, -1.7472, 0.3999



85.4100, -42.1071, 18.9344



187.6650, -92.5188, 41.5128

Inverse Universe

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



63.4260, 10.6360, -4.7586



76.3100, 16.6092, -7.2879



63.7690, 10.4669, 2.8336



40.0430, 1.4578, -0.9147



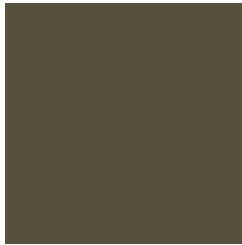
21.5900, 42.1071, -18.9344



47.3350, 92.5188, -41.5128

Previews

White Background



This preview shows how the YUV color 79.5740, -10.6360, 4.7586 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 79.5740, -10.6360, 4.7586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

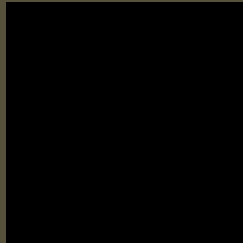
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

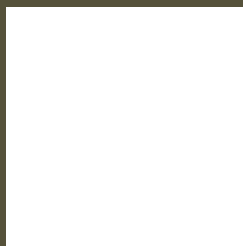
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 79.5740, -10.6360, 4.7586

Background



This preview shows how black text looks on a background with the YUV color 79.5740, -10.6360, 4.7586.



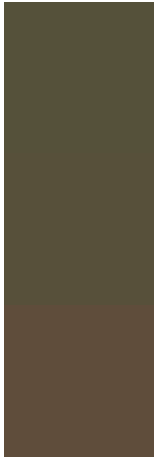
This preview shows how white text looks on a background with the YUV color 79.5740, -10.6360,

4.7586.

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

79.5740, -10.6360, 4.7586

Protanopia

79.5850, -10.6414, 6.5030

Deuteranopia

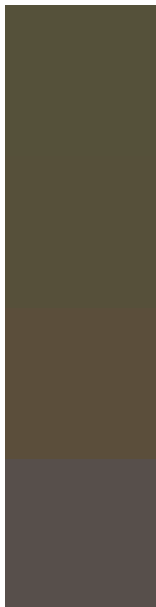
80.3300, -10.5157, 12.8656



Tritanopia

81.6740, 1.1467, 5.5479

Trichromacy



Original Color

79.5740, -10.6360, 4.7586

Protanomaly

79.2860, -10.4940, 5.8882

Deuteranomaly

79.7210, -10.2155, 9.8917

Tritanomaly

80.9360, -2.9264, 5.3181

Monochromacy



Original Color

79.5740, -10.6360, 4.7586

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

79.6860, -3.7892, 2.0294

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.5740, -10.6360, 4.7586 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(85, 81, 58)` looks like.

```
.text, #text, p{  
    color:rgb(85, 81, 58)  
}
```

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(85, 81, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 81, 58) }
```

Border

The CSS property to change the border of an element to YUV 79.5740, -10.6360, 4.7586 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(85, 81, 58) }
```


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

```
.border{ border-color:rgb(85, 81, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 81, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 81, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 81, 58);  
box-shadow:4px 4px 4px 4px rgb(85, 81, 58)  
}
```

Background

The CSS property to change the background color of an element to YUV 79.5740, -10.6360, 4.7586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 81, 58) }
```

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

```
.background{ background-color: rgb(85, 81,  
58) }
```

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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