

Converting Colors

YUV(79.7110, 1.6215, -6.7625)

Have a look what the booklet for
YUV(79.7110, 1.6215, -6.7625)
contains.

YUV(79.7110, 1.6215, -6.7625)	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(79.7110, 1.6215,
-6.7625)**

Conversions

Conversions Part 1

Format	Color
Hex	485353
RGB	72, 83, 83
RGB Percent	28%, 33%, 33%
CMY	0.7176, 0.6745, 0.6745
CMYK	0.13, 0.00, 0.00, 0.67
HSL	180°, 7%, 30%
HSV	180°, 13%, 33%
XYZ	7.3271, 8.1888, 9.3780
YIQ	79.7110, -6.5560, -2.3320

Conversions

Conversions Part 2

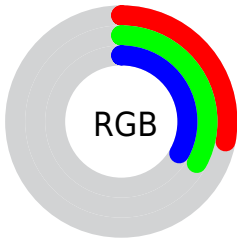
Format	Color
R_{YB}	72, 78, 83
Decimal	4739923
CIE Lab	34.37, -4.33, -1.47
CIE LCh	34, 4.571, 198.817
Yxy	8.1888, 0.2943, 0.3289
Android (android.graphics.Color)	4282930003 (0xFF485353)
YUV	79.7110, 1.6215, -6.7625
Hunter-Lab	28.6160, -4.3734, 0.6007

Details

The YUV color **79.7110, 1.6215, -6.7625** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **75.2890, -1.6215, 6.7625**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.7110, 1.6215, -6.7625**, and **35.0100, 1.4741, -6.1478** is the 20% darker color. If you saturate the color by 10%, you get **77.3190, 2.8007, -11.6808**, and if you desaturate by 10%, it is **82.1030, 0.4422, -1.8443**.

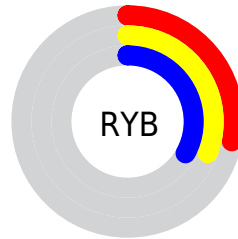
Distribution



Red (28%)

Green (33%)

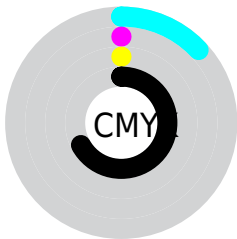
Blue (33%)



Red (28%)

Yellow (31%)

Blue (33%)

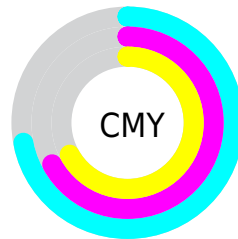


Cyan (13%)

Magenta (0%)

Yellow (0%)

Black (67%)



Cyan (72%)

Magenta (67%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 79.7110, 1.6215, -6.7625 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 79.7110, 1.6215, -6.7625 by changing the saturation by 10% instead.

■ 79.7110, 1.6215,
-6.7625

■ 79.7110, 1.6215,
-6.7625

■ 255.0000, 0.0000,
0.0000

■ 56.7110, 1.6215,
-6.7625

■ 128.7110, 1.6215,
-6.7625

■ 35.0100, 1.4741,
-6.1478

■ 154.9990, 1.4795,
-7.8921

■ 13.5150, 2.2111,
-9.2217

■ 181.4120, 1.7689,
-7.3773

■ 0.0000, 0.0000,
0.0000

■ 209.1130, 1.9163,
-7.9921

■ 237.7000, 1.6269,
-8.5069

■ 79.7110, 1.6215,
-6.7625

■ 79.7110, 1.6215,
-6.7625

■ 77.3190, 2.8007,
-11.6808

■ 82.1030, 0.4422,
-1.8443

■ 74.6280, 4.1274,
-17.2138

■ 84.7940, -0.8844,
3.6887

■ 72.2360, 5.3067,
-22.1320

■ 87.1860, -2.0637,
8.6069

■ 69.8440, 6.4859,
-27.0502

■ 89.5780, -3.2430,
13.5251

■ 67.1530, 7.8126,
-32.5832

■ 91.9700, -4.4222,
18.4433

■ 64.7610, 8.9918,
-37.5014

■ 94.6610, -5.7489,
23.9763

■ 62.3690, 10.1711,
-42.4196

■ 97.0530, -6.9281,
28.8945

■ 59.9770, 11.3503,

■ 99.4450, -8.1074,

-47.3378

33.8127

■ 58.1830, 12.2348,
-51.0265

■ 102.1360, -9.4340,
39.3457

Harmonies

Analogous

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



79.8530, -0.4205, -5.1331



79.7110, 1.6215, -6.7625



80.3520, 2.7845, -6.4477

Triad

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



79.7110, 1.6215, -6.7625



81.2930, 2.3206, 2.3740



80.8110, -3.3578, 3.6738

Complementary

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



79.7110, 1.6215, -6.7625



75.2890, -1.6215, 6.7625

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.



81.2350, -3.0739, 5.9329



79.7110, 1.6215, -6.7625



82.0330, -0.0163, 5.2331

Square

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



79.7110, 1.6215, -6.7625



80.9120, 3.4944, -0.7998



81.4030, -1.1847, 6.6626



80.2020, -3.0576, 0.6998

Rectangle

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



79.7110, 1.6215, -6.7625



80.1780, 3.3632, -5.4181



81.4030, -1.1847, 6.6626



81.1100, -3.5052, 4.2885

Sweetspot

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



79.7110, 1.6215, -6.7625



105.8040, 0.5896, -2.4591



78.4570, -3.1833, -5.6628



53.1030, 0.4422, -1.8443



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



79.7110, 1.6215, -6.7625



101.9170, 2.5059, -10.4512



76.1890, 3.3578, -3.6738



39.8040, 0.5896, -2.4591



73.6050, 15.4777, -64.5516



162.6320, 34.1984, -142.6283

Inverse Universe

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



76.5430, 3.1833, 5.6628



97.0210, 4.9196, 8.7516



78.2240, -3.0684, 4.1886



38.6520, 1.1576, 2.0592



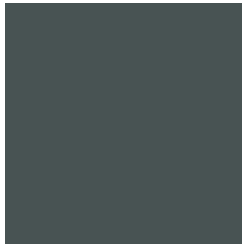
43.3650, 30.3861, 54.0539



95.8160, 67.1387, 119.4334

Previews

White Background



This preview shows how the YUV color 79.7110, 1.6215, -6.7625 looks on a white background.

Color Contrast Check

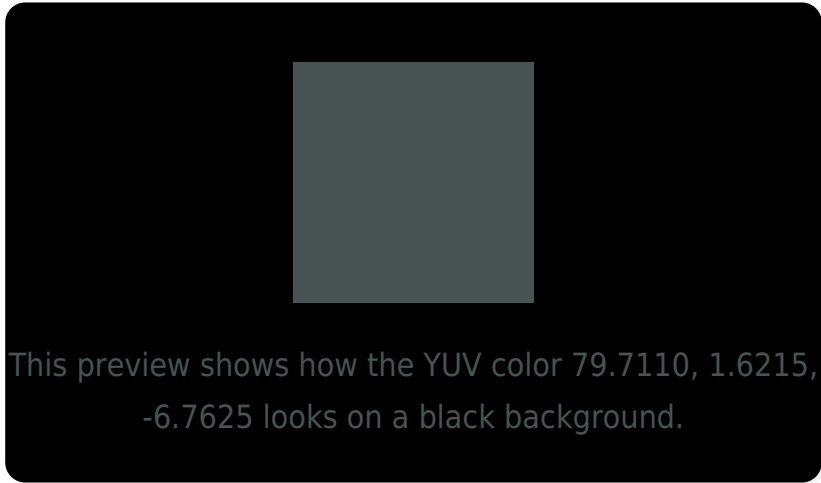
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

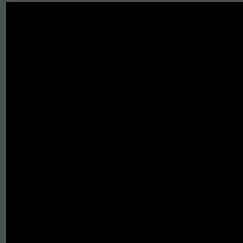
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 79.7110, 1.6215, -6.7625

Background



This preview shows how black text looks on a background with the YUV color 79.7110, 1.6215, -6.7625.



This preview shows how white text looks on a background with the YUV color 79.7110, 1.6215, -6.7625.

-6.7625.

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

79.7110, 1.6215, -6.7625

Protanopia

80.7120, 0.1420, 1.1296

Deuteranopia

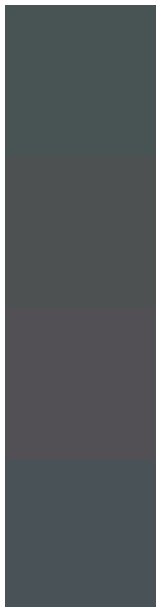
81.3750, 1.2941, 4.9331



Tritanopia

80.1070, 4.3842, -6.2328

Trichromacy



Original Color

79.7110, 1.6215, -6.7625

Protanomaly

80.2170, 0.8790, -1.9443

Deuteranomaly

81.0540, 1.4524, 0.8296

Tritanomaly

79.8790, 3.5107, -6.0329

Monochromacy



Original Color

79.7110, 1.6215, -6.7625

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

79.8040, 0.5896, -2.4591

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.7110, 1.6215, -6.7625 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(72, 83, 83)` looks like.

```
.text, #text, p{  
    color:rgb(72, 83, 83)  
}
```

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(72, 83, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 83, 83) }
```

Border

The CSS property to change the border of an element to YUV 79.7110, 1.6215, -6.7625 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(72, 83, 83) }
```


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

```
.border{ border-color:rgb(72, 83, 83) }
```

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

Here you see how a box with a 4 pixel rgb(72, 83, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 83, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 83, 83);  
box-shadow:4px 4px 4px 4px rgb(72, 83, 83)  
}
```

Background

The CSS property to change the background color of an element to YUV 79.7110, 1.6215, -6.7625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 83, 83) }
```

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

```
.background{ background-color: rgb(72, 83,  
83) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor