

Converting Colors

YUV(79.6530, -13.6329,
32.7533)

Have a look what the booklet for
YUV(79.6530, -13.6329, 32.7533)
contains.

YUV(79.6530, -13.6329, 32.7533)	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(79.6530, -13.6329,
32.7533)**

Conversions

Conversions Part 1

Format	Color
Hex	754234
RGB	117, 66, 52
RGB Percent	46%, 26%, 20%
CMY	0.5412, 0.7412, 0.7961
CMYK	0.00, 0.44, 0.56, 0.54
HSL	13°, 38%, 33%
HSV	13°, 56%, 46%
XYZ	9.9042, 7.9263, 4.2567
YIQ	79.6530, 34.8900, 6.4580

Conversions

Conversions Part 2

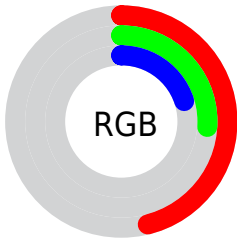
Format	Color
RYB	117, 70, 52
Decimal	7684660
CIELab	33.83, 20.51, 18.03
CIELCh	34, 27.308, 41.327
Yxy	7.9263, 0.4484, 0.3589
Android (android.graphics.Color)	4285874740 (0xFF754234)
YUV	79.6530, -13.6329, 32.7533
Hunter-Lab	28.1536, 13.5257, 10.7431

Details

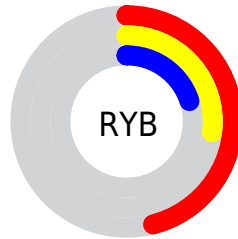
The YUV color **79.6530, -13.6329, 32.7533** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **89.3470, 13.6329, -32.7533**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.2190, -15.3910, 36.6419**, and **32.5600, -12.6011, 28.4499** is the 20% darker color. If you saturate the color by 10%, you get **73.0020, -16.2700, 38.5862**, and if you desaturate by 10%, it is **86.3040, -10.9959, 26.9204**.

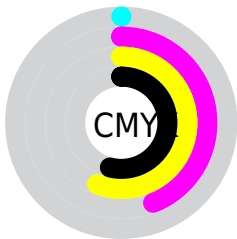
Distribution



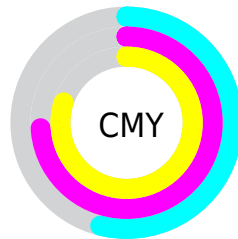
- Red (46%)
- Green (26%)
- Blue (20%)



- Red (46%)
- Yellow (27%)
- Blue (20%)



- Cyan (0%)
- Magenta (44%)
- Yellow (56%)
- Black (54%)



- Cyan (54%)
- Magenta (74%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 79.6530, -13.6329, 32.7533 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 79.6530, -13.6329, 32.7533 by changing the saturation by 10% instead.

■ 79.6530, -13.6329,
32.7533

■ 79.6530, -13.6329,
32.7533

255.0000, 0.0000,
0.0000

■ 55.9840, -12.3171,
30.7090

■ 130.2190,
-15.3910, 36.6419

■ 32.5600, -12.6011,
28.4499

■ 156.1160,
-15.8332, 38.4863

■ 12.5580, -6.1911,
25.8206

■ 183.4860,
-17.0016, 39.9158

■ 0.0000, 0.0000,
0.0000

■ 210.1870,
-16.8542, 39.3010

■ 229.8150,
-12.7268, 22.0872

■ 250.0300, -8.8888,

4.3587

■ 79.6530, -13.6329,
32.7533

■ 79.6530, -13.6329,
32.7533

■ 73.0020, -16.2700,
38.5862

■ 86.3040, -10.9959,
26.9204

■ 66.4650, -18.4702,
44.3192

■ 92.8410, -8.7956,
21.1874

■ 59.2270, -20.8179,
50.6669

■ 100.0790, -6.4479,
14.8397

■ 52.5760, -23.4550,
56.4998

■ 106.7300, -3.8109,
9.0068

■ 49.6580, -24.4814,
59.0589

■ 113.2670, -1.6106,
3.2738

■ 119.9180, 1.0264,
-2.5591

■ 126.5690, 3.6635,
-8.3920

■ 133.2200, 6.3005,
-14.2249

■ 140.3440, 8.2114,
-20.4727

Harmonies

Analogous

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



80.7810, -4.3290, 35.2721



79.6530, -13.6329, 32.7533



78.8660, -20.1469, 22.0425

Triad

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



79.6530, -13.6329, 32.7533



69.2100, -2.0755, -34.3872



77.9220, 21.7305, -16.5946

Complementary

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



79.6530, -13.6329, 32.7533



89.3470, 13.6329, -32.7533

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.



64.1620, 27.5281, -56.2701



79.6530, -13.6329, 32.7533



63.3350, 11.6668, -55.5448

Square

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



79.6530, -13.6329, 32.7533



73.9650, -13.7867, -11.3703



64.5550, 21.4184, -56.6147



81.9530, 14.8132, 8.8112

Rectangle

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



79.6530, -13.6329, 32.7533



77.8710, -21.1354, 12.3911



64.5550, 21.4184, -56.6147



75.0240, 23.6522, -26.3310

Sweetspot

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



79.6530, -13.6329, 32.7533



138.2960, -5.5689, 12.8954



77.3630, 13.1320, 34.7616



67.5450, -3.2267, 8.2920



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



79.6530, -13.6329, 32.7533



94.2980, -21.8389, 51.4817



98.4370, -22.8934, 16.2798



55.3810, -1.1738, 3.1739



51.7400, -25.5078, 61.6180



106.4480, -52.4789, 125.8951

Inverse Universe

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



89.3470, 13.6329, -32.7533



109.2890, 21.5495, -51.9965



70.5630, 22.8934, -16.2798



56.0320, 1.4632, -2.6591



70.2600, 25.5078, -61.6180



143.5520, 52.4789, -125.8951

Previews

White Background



This preview shows how the YUV color 79.6530, -13.6329, 32.7533 looks on a white background.

Color Contrast Check

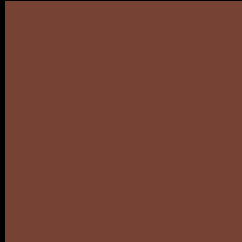
Large Text (above 18pt) WCAG AA ✓ Pass

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 79.6530, -13.6329, 32.7533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

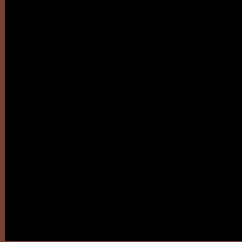
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 79.6530, -13.6329, 32.7533

Background



This preview shows how black text looks on a background with the YUV color 79.6530, -13.6329, 32.7533.

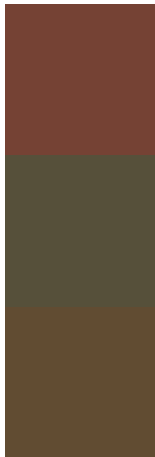


This preview shows how white text looks on a background with the YUV color 79.6530, -13.6329,

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

79.6530, -13.6329, 32.7533

Protanopia

79.2860, -10.4940, 5.8882

Deuteranopia

79.3150, -14.4523, 15.5097



Tritanopia

80.6020, -6.2128, 32.7980

Trichromacy



Original Color

79.6530, -13.6329, 32.7533

Protanomaly

79.4120, -11.5421, 15.4247

Deuteranomaly

79.1740, -13.8898, 21.7724

Tritanomaly

80.5050, -9.1230, 32.8831

Monochromacy



Original Color

79.6530, -13.6329, 32.7533

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

79.8120, -4.8373, 11.5659

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.6530, -13.6329, 32.7533 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(117, 66, 52)` looks like.

```
.text, #text, p{  
    color:rgb(117, 66, 52)  
}
```

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(117, 66, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 66, 52) }
```

Border

The CSS property to change the border of an element to YUV 79.6530, -13.6329, 32.7533 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(117, 66, 52) }
```


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

```
.border{ border-color:rgb(117, 66, 52) }
```

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

Here you see how a box with a 4 pixel rgb(117, 66, 52) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 66, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 66, 52);  
box-shadow:4px 4px 4px 4px rgb(117, 66,  
52) }
```

Background

The CSS property to change the background color of an element to YUV 79.6530, -13.6329, 32.7533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 66, 52) }
```

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

```
.background{ background-color: rgb(117, 66,  
52) }
```

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