

Converting Colors

YUV(155.1260, -51.3341,
38.4775)

Have a look what the booklet for
YUV(155.1260, -51.3341, 38.4775)
contains.

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Color

**YUV(155.1260, -51.3341,
38.4775)**

Conversions

Conversions Part 1

Format	Color
Hex	C79933
RGB	199, 153, 51
RGB Percent	78%, 60%, 20%
CMY	0.2196, 0.4000, 0.8000
CMYK	0.00, 0.23, 0.74, 0.22
HSL	41°, 59%, 49%
HSV	41°, 74%, 78%
XYZ	35.5420, 35.1636, 8.0460
YIQ	155.1260, 60.1580, -21.9700

Conversions

Conversions Part 2

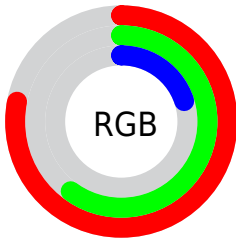
Format	Color
RYB	118, 199, 51
Decimal	13080883
CIELab	65.88, 7.31, 57.24
CIELCh	66, 57.703, 82.722
Yxy	35.1636, 0.4513, 0.4465
Android (android.graphics.Color)	4291270963 (0xFFC79933)
YUV	155.1260, -51.3341, 38.4775
Hunter-Lab	59.2989, 3.2144, 33.4645

Details

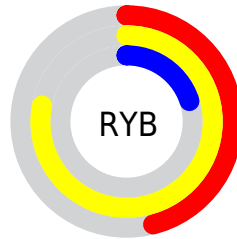
The YUV color **155.1260, -51.3341, 38.4775** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **94.8740, 51.3341, -38.4775**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.6100, -52.0657, 39.8070**, and **102.0330, -50.3023, 34.1741** is the 20% darker color. If you saturate the color by 10%, you get **149.3240, -58.3337, 43.5659**, and if you desaturate by 10%, it is **160.9280, -44.3345, 33.3891**.

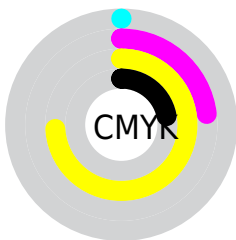
Distribution



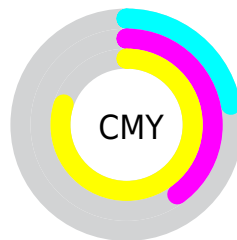
- Red (78%)
- Green (60%)
- Blue (20%)



- Red (46%)
- Yellow (78%)
- Blue (20%)



- Cyan (0%)
- Magenta (23%)
- Yellow (74%)
- Black (22%)



- Cyan (22%)
- Magenta (40%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 155.1260, -51.3341, 38.4775 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 155.1260, -51.3341, 38.4775 by changing the saturation by 10% instead.

■ 155.1260,
-51.3341, 38.4775

■ 155.1260,
-51.3341, 38.4775

■ 255.0000, 0.0000,
0.0000

■ 127.7730,
-52.6391, 37.0331

■ 209.6100,
-52.0657, 39.8070

■ 102.0330,
-50.3023, 34.1741

■ 229.1240,
-48.3751, 22.6933

■ 80.1600, -39.5189,
28.8007

■ 243.9420,
-42.3694, 9.6979

■ 58.2870, -28.7355,
23.4273

■ 247.1340,
-30.1391, 6.8985

■ 37.8870, -18.6783,
17.6391

■ 250.3260,
-17.9087, 4.0991

■ 18.3840, -9.0633,
13.6952

■ 253.6320, -5.2416,

■ 0.0000, 0.0000,

1.1997

0.0000

■ 155.1260,
-51.3341, 38.4775

■ 155.1260,
-51.3341, 38.4775

■ 149.3240,
-58.3337, 43.5659

■ 160.9280,
-44.3345, 33.3891

■ 143.5220,
-65.3333, 48.6542

■ 166.7300,
-37.3349, 28.3008

■ 139.9200,
-68.9806, 51.8132

■ 173.1190,
-30.6247, 22.6976

■ 178.9210,
-23.6251, 17.6093

■ 184.7230,
-16.6254, 12.5209

■ 190.4110,
-10.0626, 7.5326

■ 196.2130, -3.0630,
2.4442

■ 202.0150, 3.9366,
-2.6442

■ 208.4040, 10.6468,
-8.2473

Harmonies

Analogous

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



157.6410, -38.7700, 68.7208



155.1260, -51.3341, 38.4775



150.5510, -46.1206, -0.4832

Triad

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



155.1260, -51.3341, 38.4775



131.2810, 33.3855, -115.1334



164.8210, 28.6822, 40.4990

Complementary

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



155.1260, -51.3341, 38.4775



94.8740, 51.3341, -38.4775

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.



160.1540, 46.7591, -17.6751



155.1260, -51.3341, 38.4775



133.8350, 53.3253, -117.3733

Square

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



155.1260, -51.3341, 38.4775



125.1250, 9.7984, -109.7346



128.8600, 62.1870, -113.0102



161.0200, 6.8921, 76.2815

Rectangle

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



155.1260, -51.3341, 38.4775



145.9090, -32.4931, -31.4922



128.8600, 62.1870, -113.0102



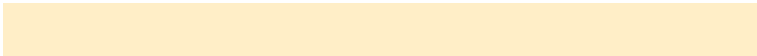
164.8450, 35.5724, 23.8149

Sweetspot

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



155.1260, -51.3341, 38.4775



238.6370, -19.5410, 14.3504



100.6100, -1.2867, 86.2880



117.6670, -11.6678, 9.0620



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



155.1260, -51.3341, 38.4775



187.4450, -78.6064, 59.2457



174.0550, -60.6661, -1.8022



96.2130, -3.0630, 2.4442



114.4810, -56.4391, 42.5512



25.4390, -12.5414, 9.2620

Inverse Universe

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



94.8740, 51.3341, -38.4775



95.5550, 78.6064, -59.2457



75.9450, 60.6661, 1.8022



92.7870, 3.0630, -2.4442



48.5190, 56.4391, -42.5512



10.5610, 12.5414, -9.2620

Previews

White Background



This preview shows how the YUV color 155.1260, -51.3341, 38.4775 looks on a white 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

Black Background



This preview shows how the YUV color 155.1260, -51.3341, 38.4775 looks on a black 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

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

YUV 155.1260, -51.3341, 38.4775

Background



This preview shows how black text looks on a background with the YUV color 155.1260, -51.3341, 38.4775.



This preview shows how white text looks on a background with the YUV color 155.1260, -51.3341, 38.4775.

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

155.1260, -51.3341, 38.4775

Protanopia

154.0700, -49.8275, 21.8636

Deuteranopia

155.1370, -51.3395, 40.2219



Tritanopia

163.0910, -4.4819, 37.6312

Trichromacy



Original Color

155.1260, -51.3341, 38.4775

Protanomaly

154.2880, -50.4280, 27.8114

Deuteranomaly

154.8380, -51.1921, 39.6071

Tritanomaly

160.3240, -21.3587, 37.4269

Monochromacy



Original Color

155.1260, -51.3341, 38.4775

Achromatopsia

155.0000, 0.0000, 0.0000

Achromatomaly

154.8650, -18.6674, 14.1504

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.1260, -51.3341, 38.4775 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(199, 153, 51)` looks like.

```
.text, #text, p{  
    color:rgb(199, 153, 51)  
}
```

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(199, 153, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 153, 51) }
```

Border

The CSS property to change the border of an element to YUV 155.1260, -51.3341, 38.4775 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(199, 153, 51) }
```


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

```
.border{ border-color:rgb(199, 153, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 153, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 153, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 153, 51);  
box-shadow:4px 4px 4px 4px rgb(199, 153,  
51) }
```

Background

The CSS property to change the background color of an element to YUV 155.1260, -51.3341, 38.4775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 153, 51) }
```

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

```
.background{ background-color: rgb(199,  
153, 51) }
```

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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