

Converting Colors

YUV(170.1770, -51.8523,
64.7428)

Have a look what the booklet for
YUV(170.1770, -51.8523, 64.7428)
contains.

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Color

**YUV(170.1770, -51.8523,
64.7428)**

Conversions

Conversions Part 1

Format	Color
Hex	F49941
RGB	244, 153, 65
RGB Percent	96%, 60%, 25%
CMY	0.0431, 0.4000, 0.7451
CMYK	0.00, 0.37, 0.73, 0.04
HSL	29°, 89%, 61%
HSV	29°, 73%, 96%
XYZ	49.6536, 42.3972, 10.5675
YIQ	170.1770, 82.4840, -8.0760

Conversions

Conversions Part 2

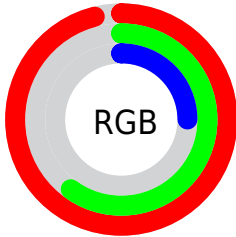
Format	Color
R_{YB}	244, 238, 65
Decimal	16030017
CIE _{Lab}	71.14, 27.07, 58.34
CIE _{LCh}	71, 64.313, 65.105
Yxy	42.3972, 0.4839, 0.4132
Android (android.graphics.Color)	4294220097 (0xFFFF49941)
YUV	170.1770, -51.8523, 64.7428
Hunter-Lab	65.1131, 22.1715, 35.9568

Details

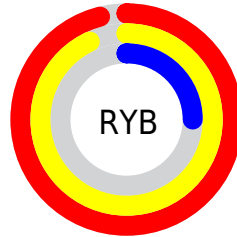
The YUV color **170.1770, -51.8523, 64.7428** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **138.8230, 51.8523, -64.7428**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.6790, -46.6767, 37.9925**, and **114.1610, -54.3094, 59.4948** is the 20% darker color. If you saturate the color by 10%, you get **160.3970, -58.8627, 73.3198**, and if you desaturate by 10%, it is **179.9570, -44.8418, 56.1657**.

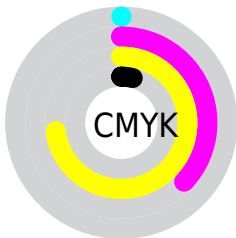
Distribution



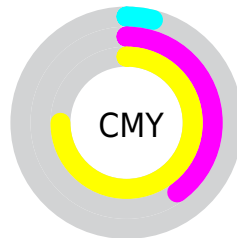
- Red (96%)
- Green (60%)
- Blue (25%)



- Red (96%)
- Yellow (93%)
- Blue (25%)



- Cyan (0%)
- Magenta (37%)
- Yellow (73%)
- Black (4%)



- Cyan (4%)
- Magenta (40%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.1770, -51.8523, 64.7428 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 170.1770, -51.8523, 64.7428 by changing the saturation by 10% instead.

170.1770,
-51.8523, 64.7428

170.1770,
-51.8523, 64.7428

255.0000, 0.0000,
0.0000

142.5680,
-51.5520, 61.7689

211.6790,
-46.6767, 37.9925

114.1610,
-54.3094, 59.4948

231.1930,
-42.9861, 20.8787

90.6470, -44.6890,
53.8066

245.5380,
-36.2542, 8.2982

67.8880, -33.4688,
48.3332

248.7300,
-24.0239, 5.4988

45.7160, -22.5380,
42.3451

251.9220,
-11.7935, 2.6994

23.8430, -11.7546,
36.9717

12.6720, -5.7543,

25.7207

■ 0.0000, 0.0000,
0.0000

■ 170.1770,
-51.8523, 64.7428

■ 170.1770,
-51.8523, 64.7428

■ 160.3970,
-58.8627, 73.3198

■ 179.9570,
-44.8418, 56.1657

■ 149.9160,
-66.0206, 82.5117

■ 190.4380,
-37.6839, 46.9739

■ 143.3960,
-70.6942, 88.2297

■ 200.2180,
-30.6735, 38.3968

■ 210.6990,
-23.5156, 29.2050

■ 220.4790,
-16.5051, 20.6279

■ 230.2590, -9.4947,
12.0509

■ 240.7400, -2.3368,
2.8590

■ 249.9500, 2.4897,
-5.2181

■ 251.7110, 1.6215,
-6.7625

Harmonies

Analogous

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



165.0950, -27.1618, 78.8467



170.1770, -51.8523, 64.7428



166.5730, -59.4425, 25.8075

Triad

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



170.1770, -51.8523, 64.7428



139.4360, 21.4771, -122.2854



176.2780, 38.8099, 12.0342

Complementary

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



170.1770, -51.8523, 64.7428



138.8230, 51.8523, -64.7428

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.



151.2080, 51.1695, -79.1124



170.1770, -51.8523, 64.7428



145.3470, 46.6639, -127.4693

Square

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



170.1770, -51.8523, 64.7428



137.5980, -7.6898, -100.5024



142.3610, 55.5310, -124.8506



177.6070, 23.3647, 66.1197

Rectangle

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



170.1770, -51.8523, 64.7428



162.8510, -51.1985, -5.1313



142.3610, 55.5310, -124.8506



172.2920, 40.7750, -11.6571

Sweetspot

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



170.1770, -51.8523, 64.7428



231.5930, -16.0683, 20.5279



129.0090, 13.7996, 100.8471



114.1450, -9.9315, 12.1508



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.



170.1770, -51.8523, 64.7428



162.5460, -64.8522, 81.0822



221.8330, -77.3187, 19.4405



117.1100, -3.5052, 4.2885



109.6180, -54.0417, 66.9870



34.6640, -17.0894, 21.3427

Inverse Universe

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



138.8230, 51.8523, -64.7428



123.4540, 64.8522, -81.0822



87.1670, 77.3187, -19.4405



114.8900, 3.5052, -4.2885



76.9690, 53.7523, -67.5018



24.3360, 17.0894, -21.3427

Previews

White Background



This preview shows how the YUV color 170.1770, -51.8523, 64.7428 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 170.1770, -51.8523, 64.7428 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 170.1770, -51.8523, 64.7428

Background



This preview shows how black text looks on a background with the YUV color 170.1770, -51.8523, 64.7428.



This preview shows how white text looks on a background with the YUV color 170.1770, -51.8523,

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

170.1770, -51.8523, 64.7428

Protanopia

168.8250, -48.2277, 22.0785

Deuteranopia

169.5780, -53.5290, 42.4661



Tritanopia

176.5350, -11.1098, 63.5518

Trichromacy



Original Color

170.1770, -51.8523, 64.7428

Protanomaly

169.2830, -49.4395, 37.4628

Deuteranomaly

169.4480, -52.9719, 50.4731

Tritanomaly

174.0500, -25.6607, 63.9771

Monochromacy



Original Color

170.1770, -51.8523, 64.7428

Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

170.2190, -18.8420, 23.4869

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.1770, -51.8523, 64.7428 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(244, 153, 65)` looks like.

```
.text, #text, p{  
    color:rgb(244, 153, 65)  
}
```

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(244, 153, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 153, 65) }
```

Border

The CSS property to change the border of an element to YUV 170.1770, -51.8523, 64.7428 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(244, 153, 65) }
```


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

```
.border{ border-color:rgb(244, 153, 65) }
```

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

Here you see how a box with a 4 pixel rgb(244, 153, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 153, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 153, 65);  
box-shadow:4px 4px 4px 4px rgb(244, 153,  
65) }
```

Background

The CSS property to change the background color of an element to YUV 170.1770, -51.8523, 64.7428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 153, 65) }
```

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

```
.background{ background-color: rgb(244,  
153, 65) }
```

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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