

Converting Colors

YUV(117.7990, 48.4131,
-34.9037)

Have a look what the booklet for
YUV(117.7990, 48.4131, -34.9037)
contains.

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Color

**YUV(117.7990, 48.4131,
-34.9037)**

Conversions

Conversions Part 1

Format	Color
Hex	4E77D8
RGB	78, 119, 216
RGB Percent	31%, 47%, 85%
CMY	0.6941, 0.5333, 0.1529
CMYK	0.64, 0.45, 0.00, 0.15
HSL	222°, 64%, 58%
HSV	222°, 64%, 85%
XYZ	22.1334, 19.7712, 67.6154
YIQ	117.7990, -55.5730, 21.4750

Conversions

Conversions Part 2

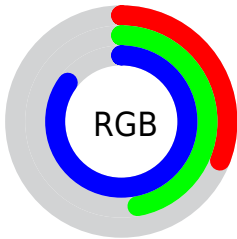
Format	Color
R_{YB}	78, 110, 216
Decimal	5142488
CIE _{Lab}	51.58, 16.33, -54.12
CIE _{LCh}	52, 56.529, 286.793
Yxy	19.7712, 0.2021, 0.1805
Android (android.graphics.Color)	4283332568 (0xFF4E77D8)
YUV	117.7990, 48.4131, -34.9037
Hunter-Lab	44.4648, 11.0389, -59.0339

Details

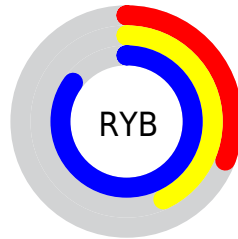
The YUV color **117.7990, 48.4131, -34.9037** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **176.2010, -48.4131, 34.9037**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.0080, 41.4081, -28.0710**, and **59.9170, 49.3409, -52.5472** is the 20% darker color. If you saturate the color by 10%, you get **102.4160, 55.9969, -40.7068**, and if you desaturate by 10%, it is **133.1820, 40.8293, -29.1006**.

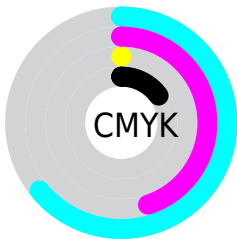
Distribution



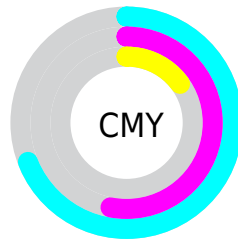
- Red (31%)
- Green (47%)
- Blue (85%)



- Red (31%)
- Yellow (43%)
- Blue (85%)



- Cyan (64%)
- Magenta (45%)
- Yellow (0%)
- Black (15%)



- Cyan (69%)
- Magenta (53%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.7990, 48.4131, -34.9037 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 117.7990, 48.4131, -34.9037 by changing the saturation by 10% instead.

■ 117.7990, 48.4131,
-34.9037

■ 117.7990, 48.4131,
-34.9037

255.0000, 0.0000,
0.0000

■ 89.7550, 48.4348,
-41.8811

■ 171.0080, 41.4081,
-28.0710

■ 59.9170, 49.3409,
-52.5472

■ 195.8270, 29.1723,
-23.5273

■ 44.6260, 44.0614,
-39.1370

■ 220.9340, 16.7945,
-20.1131

■ 29.9220, 38.4925,
-26.2416

■ 246.3400, 4.2694,
-16.0842

■ 11.8100, 35.0967,
-10.3574

■ 10.2480, 24.0347,
-8.9875

■ 5.2780, 15.1459,

-4.6288

■ 1.3680, 5.2416,
-1.1997

■ 0.0000, 0.0000,
0.0000

■ 117.7990, 48.4131,
-34.9037

■ 117.7990, 48.4131,
-34.9037

■ 102.4160, 55.9969,
-40.7068

■ 133.1820, 40.8293,
-29.1006

■ 87.3320, 63.4333,
-45.8952

■ 148.2660, 33.3929,
-23.9123

■ 71.3620, 71.3065,
-51.1835

■ 164.2360, 25.5197,
-18.6240

■ 62.1920, 75.8273,
-54.5424

■ 179.3200, 18.0832,
-13.4356

■ 194.7030, 10.4994,
-7.6325

■ 210.0860, 2.9156,
-1.8294

■ 225.1700, -4.5208,
3.3589

■ 240.5530,
-12.1046, 9.1620

■ 250.5540,
-17.0351, 3.8991

Harmonies

Analogous

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



103.9830, 55.7174, -91.1931



117.7990, 48.4131, -34.9037



126.7270, 31.1936, 28.3034

Triad

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



117.7990, 48.4131, -34.9037



119.3510, -32.2180, 67.2212



95.8140, 1.5707, -84.0289

Complementary

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



117.7990, 48.4131, -34.9037



176.2010, -48.4131, 34.9037

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.



106.3580, -26.7985, -38.0250



117.7990, 48.4131, -34.9037



117.4900, -50.0346, 41.6663

Square

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



117.7990, 48.4131, -34.9037



118.5740, -10.1430, 80.1806



113.1560, -50.3629, 6.8792



102.6880, 22.8318, -90.0574

Rectangle

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



117.7990, 48.4131, -34.9037



124.2870, 18.5925, 56.7533



113.1560, -50.3629, 6.8792



93.4030, -5.1287, -81.9144

Sweetspot

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



117.7990, 48.4131, -34.9037



220.6900, 16.9148, -12.0061



170.0640, 2.4334, -80.7401



106.7030, 10.4994, -7.6325



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.



117.7990, 48.4131, -34.9037



115.3900, 68.8277, -49.4540



102.1040, 56.1507, 3.4168



99.6020, 3.6472, -3.1590



49.4310, 59.9335, -43.3510



12.5330, 15.0202, -10.9914

Inverse Universe

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



123.9360, -2.4334, 80.7401



124.2160, -3.5575, 114.6976



191.8960, -56.1507, -3.4168



99.7450, 0.1257, 6.3626



56.9430, -2.9299, 100.0280



14.3390, -0.6601, 25.1357

Previews

White Background



This preview shows how the YUV color 117.7990, 48.4131, -34.9037 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 117.7990, 48.4131, -34.9037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

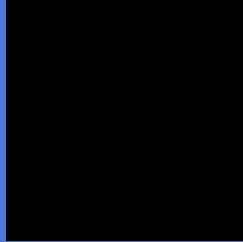
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 117.7990, 48.4131, -34.9037

Background



This preview shows how black text looks on a background with the YUV color 117.7990, 48.4131, -34.9037.



This preview shows how white text looks on a background with the YUV color 117.7990, 48.4131, -34.9037.

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

117.7990, 48.4131, -34.9037

Protanopia

117.5000, 48.5605, -35.5185

Deuteranopia

110.1550, 51.6886, -58.8949



Tritanopia

107.2510, 19.1033, -60.7331

Trichromacy



Original Color

117.7990, 48.4131, -34.9037

Protanomaly

117.5000, 48.5605, -35.5185

Deuteranomaly

112.8680, 50.3511, -49.8732

Tritanomaly

111.0640, 29.5484, -50.9221

Monochromacy



Original Color

117.7990, 48.4131, -34.9037

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

117.6190, 17.9358, -12.8209

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.7990, 48.4131, -34.9037 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(78, 119, 216)` looks like.

```
.text, #text, p{  
    color:rgb(78, 119, 216)  
}
```

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(78, 119, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 119, 216) }
```

Border

The CSS property to change the border of an element to YUV 117.7990, 48.4131, -34.9037 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(78, 119, 216) }
```


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

```
.border{ border-color:rgb(78, 119, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 119, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 119, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 119, 216);  
box-shadow:4px 4px 4px 4px rgb(78, 119,  
216) }
```

Background

The CSS property to change the background color of an element to YUV 117.7990, 48.4131, -34.9037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 119, 216) }
```

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

```
.background{ background-color: rgb(78, 119,  
216) }
```

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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