

Converting Colors

YUV(200.9750, -72.4587,
47.3799)

Have a look what the booklet for
YUV(200.9750, -72.4587, 47.3799)
contains.

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Color

**YUV(200.9750, -72.4587,
47.3799)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCA36
RGB	255, 202, 54
RGB Percent	100%, 79%, 21%
CMY	0.0000, 0.2078, 0.7882
CMYK	0.00, 0.21, 0.79, 0.00
HSL	44°, 100%, 61%
HSV	44°, 79%, 100%
XYZ	63.0264, 63.7674, 12.4765
YIQ	200.9750, 79.0960, -34.7920

Conversions

Conversions Part 2

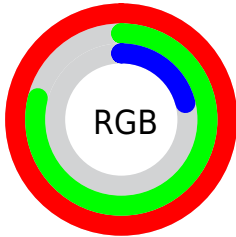
Format	Color
R _Y B	126, 255, 54
Decimal	16763446
CIE Lab	83.84, 5.65, 75.00
CIE LCh	84, 75.216, 85.694
Yxy	63.7674, 0.4525, 0.4579
Android (android.graphics.Color)	4294953526 (0xFFFFCA36)
YUV	200.9750, -72.4587, 47.3799
Hunter-Lab	79.8545, 1.1385, 46.6346

Details

The YUV color **200.9750, -72.4587, 47.3799** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **108.0250, 72.4587, -47.3799**, and the grayscale version is **202.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.6980, -62.4621, 14.2969**, and **144.8820, -71.4268, 43.0765** is the 20% darker color. If you saturate the color by 10%, you get **193.9020, -81.7897, 53.5829**, and if you desaturate by 10%, it is **208.0480, -63.1277, 41.1769**.

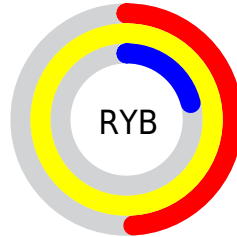
Distribution



Red (100%)

Green (79%)

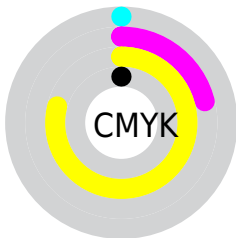
Blue (21%)



Red (49%)

Yellow (100%)

Blue (21%)

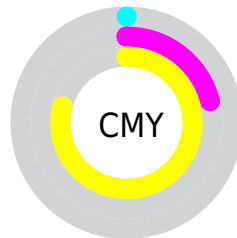


Cyan (0%)

Magenta (21%)

Yellow (79%)

Black (0%)



Cyan (0%)

Magenta (21%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 200.9750, -72.4587, 47.3799 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 200.9750, -72.4587, 47.3799 by changing the saturation by 10% instead.

200.9750,
-72.4587, 47.3799

200.9750,
-72.4587, 47.3799

255.0000, 0.0000,
0.0000

171.2970,
-77.5474, 46.2205

238.6980,
-62.4621, 14.2969

144.8820,
-71.4268, 43.0765

242.0040,
-49.7950, 11.3975

121.2370,
-59.7698, 37.5032

245.1960,
-37.5646, 8.5981

97.5920, -48.1129,
31.9298

248.5020,
-24.8975, 5.6987

75.4200, -37.1821,
25.9417

251.8080,
-12.2303, 2.7994

53.8460, -26.5461,
21.1831

34.0330, -16.7783,

14.8801

■ 13.3560, -6.5845,
11.9658

■ 0.0000, 0.0000,
0.0000

■ 200.9750,
-72.4587, 47.3799

■ 200.9750,
-72.4587, 47.3799

■ 193.9020,
-81.7897, 53.5829

■ 208.0480,
-63.1277, 41.1769

■ 187.5300,
-90.9733, 59.1712

■ 214.4200,
-53.9441, 35.5887

■ 186.6010,
-91.9943, 59.9859

■ 221.4930,
-44.6130, 29.3856

■ 228.4520,
-35.7188, 23.2826

■ 235.4110,
-26.8246, 17.1796

■ 241.8970,
-17.2042, 11.4913

■ 248.9700, -7.8732,
5.2883

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



188.8710, -47.7574, 57.9951



200.9750, -72.4587, 47.3799



194.3810, -61.8128, -7.3501

Triad

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



200.9750, -72.4587, 47.3799



171.7110, 41.0615, -150.5905



201.5830, 26.3346, 46.8467

Complementary

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



200.9750, -72.4587, 47.3799



108.0250, 72.4587, -47.3799

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.



200.9430, 26.6501, -7.8430



200.9750, -72.4587, 47.3799



167.6020, 43.0872, -146.9870

Square

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



200.9750, -72.4587, 47.3799



164.3980, 15.5798, -144.1770



158.2100, 47.7175, -138.7502



186.0810, 17.7081, 60.4420

Rectangle

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



200.9750, -72.4587, 47.3799



187.1980, -41.0166, -51.0396



158.2100, 47.7175, -138.7502



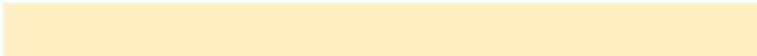
207.4530, 23.4407, 41.6987

Sweetspot

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



200.9750, -72.4587, 47.3799



238.6540, -22.0144, 14.3354



120.2550, -6.0417, 118.1714



117.9120, -13.2676, 8.8472



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.



200.9750, -72.4587, 47.3799



189.8440, -87.1841, 57.1418



218.0330, -80.8683, -8.7989



124.1700, -4.5208, 3.3589



139.8760, -68.9589, 44.8357



46.7250, -23.0354, 15.1502

Inverse Universe

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



108.0250, 72.4587, -47.3799



78.1560, 87.1841, -57.1418



90.9670, 80.8683, 8.7989



118.2430, 4.8102, -2.8441



51.1240, 68.9589, -44.8357



17.2750, 23.0354, -15.1502

Previews

White Background



This preview shows how the YUV color 200.9750, -72.4587, 47.3799 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 200.9750, -72.4587, 47.3799 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 200.9750, -72.4587, 47.3799

Background



This preview shows how black text looks on a background with the YUV color 200.9750, -72.4587, 47.3799.



This preview shows how white text looks on a background with the YUV color 200.9750, -72.4587,

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

200.9750, -72.4587, 47.3799

Protanopia

199.9190, -70.9521, 30.7660

Deuteranopia

205.3870, -50.4768, 43.5106



Tritanopia

212.7920, -4.3345, 37.0164

Trichromacy



Original Color

200.9750, -72.4587, 47.3799

Protanomaly

200.1370, -71.5525, 36.7139

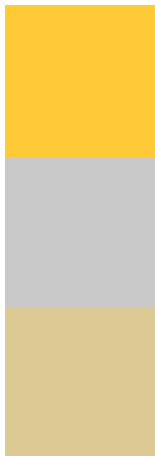
Deuteranomaly

203.9220, -58.6285, 44.7954

Tritanomaly

208.2830, -29.2265, 40.9708

Monochromacy



Original Color

200.9750, -72.4587, 47.3799

Achromatopsia

201.0000, 0.0000, 0.0000

Achromatomaly

200.9380, -26.0984, 17.5944

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.9750, -72.4587, 47.3799 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(255, 202, 54)` looks like.

```
.text, #text, p{  
    color:rgb(255, 202, 54)  
}
```

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(255, 202, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 202, 54) }
```

Border

The CSS property to change the border of an element to YUV 200.9750, -72.4587, 47.3799 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(255, 202, 54) }
```


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

```
.border{ border-color:rgb(255, 202, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 202, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 202, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 202, 54);  
box-shadow:4px 4px 4px 4px rgb(255, 202,  
54) }
```

Background

The CSS property to change the background color of an element to YUV 200.9750, -72.4587, 47.3799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 202, 54) }
```

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

```
.background{ background-color: rgb(255,  
202, 54) }
```

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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