

Converting Colors

YUV(198.2860, -77.5420,
44.4762)

Have a look what the booklet for
YUV(198.2860, -77.5420, 44.4762)
contains.

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Color

**YUV(198.2860, -77.5420,
44.4762)**

Conversions

Conversions Part 1

Format	Color
Hex	F9CB29
RGB	249, 203, 41
RGB Percent	98%, 80%, 16%
CMY	0.0235, 0.2039, 0.8392
CMYK	0.00, 0.18, 0.84, 0.02
HSL	47°, 95%, 57%
HSV	47°, 84%, 98%
XYZ	60.8231, 63.0117, 11.0546
YIQ	198.2860, 79.4180, -40.6300

Conversions

Conversions Part 2

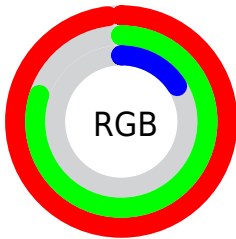
Format	Color
R _Y B	100, 249, 41
Decimal	16370473
CIE Lab	83.45, 2.21, 78.16
CIE LCh	83, 78.192, 88.378
Yxy	63.0117, 0.4509, 0.4671
Android (android.graphics.Color)	4294560553 (0xFFFF9CB29)
YUV	198.2860, -77.5420, 44.4762
Hunter-Lab	79.3799, -2.1432, 47.3091

Details

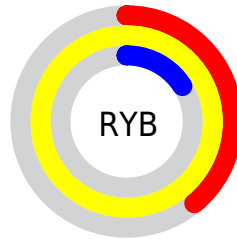
The YUV color **198.2860, -77.5420, 44.4762** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **91.7140, 77.5420, -44.4762**, and the grayscale version is **199.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.6720, -66.3933, 15.1967**, and **143.6750, -70.8318, 38.8730** is the 20% darker color. If you saturate the color by 10%, you get **191.9140, -86.7256, 50.0644**, and if you desaturate by 10%, it is **204.6580, -68.3584, 38.8879**.

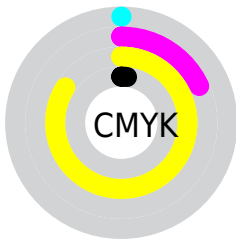
Distribution



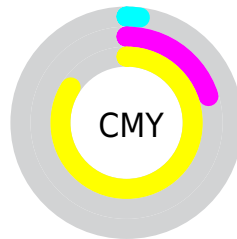
- Red (98%)
- Green (80%)
- Blue (16%)



- Red (39%)
- Yellow (98%)
- Blue (16%)



- Cyan (0%)
- Magenta (18%)
- Yellow (84%)
- Black (2%)



- Cyan (2%)
- Magenta (20%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.2860, -77.5420, 44.4762 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 198.2860, -77.5420, 44.4762 by changing the saturation by 10% instead.

198.2860,
-77.5420, 44.4762

198.2860,
-77.5420, 44.4762

255.0000, 0.0000,
0.0000

168.4940,
-83.0675, 43.4168

237.6720,
-66.3933, 15.1967

143.6750,
-70.8318, 38.8730

240.9780,
-53.7262, 12.2973

120.0300,
-59.1748, 33.2997

244.1700,
-41.4958, 9.4979

96.6840, -47.6652,
28.3411

247.4760,
-28.8287, 6.5985

74.5120, -36.7344,
22.3530

250.7820,
-16.1615, 3.6992

52.6390, -25.9510,
16.9796

254.2020, -3.0576,

32.8370, -16.1886,

0.6998

12.4210

■ 12.1490, -5.9895,
7.7623

■ 0.0000, 0.0000,
0.0000

■ 198.2860,
-77.5420, 44.4762

■ 198.2860,
-77.5420, 44.4762

■ 191.9140,
-86.7256, 50.0644

■ 204.6580,
-68.3584, 38.8879

■ 188.3290,
-92.8462, 53.2085

■ 210.4430,
-58.8854, 33.8145

■ 216.8150,
-49.7018, 28.2262

■ 222.6000,
-40.2288, 23.1528

■ 228.9720,
-31.0452, 17.5646

■ 234.6430,
-22.0090, 12.5911

■ 241.0150,
-12.8254, 7.0028

■ 246.8000, -3.3524,
1.9294

■ 252.0320, 1.4632,
-2.6591

Harmonies

Analogous

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



187.6170, -52.5622, 59.0949



198.2860, -77.5420, 44.4762



191.5220, -62.3753, -13.6128

Triad

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



198.2860, -77.5420, 44.4762



171.1240, 41.3509, -150.0757



198.0610, 28.0709, 49.9355

Complementary

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



198.2860, -77.5420, 44.4762



91.7140, 77.5420, -44.4762

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.



200.6990, 26.7704, 0.2640



198.2860, -77.5420, 44.4762



167.0150, 43.3766, -146.4722

Square

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



198.2860, -77.5420, 44.4762



165.5550, 17.4744, -145.1917



157.0360, 48.2963, -137.7206



181.7610, 16.3868, 64.2306

Rectangle

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



198.2860, -77.5420, 44.4762



182.4140, -38.6581, -60.8761



157.0360, 48.2963, -137.7206



203.9310, 25.1770, 44.7875

Sweetspot

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



198.2860, -77.5420, 44.4762



239.4860, -23.9036, 13.6058



108.7780, -9.2576, 122.9747



118.2710, -14.4306, 8.5323



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.



198.2860, -77.5420, 44.4762



193.0580, -95.1776, 54.3231



208.8430, -82.7466, -13.0173



121.7570, -4.8102, 2.8441



142.8000, -70.4004, 40.5174



46.4150, -22.8826, 12.7910

Inverse Universe

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



91.7140, 77.5420, -44.4762



61.9420, 95.1776, -54.3231



81.1570, 82.7466, 13.0173



115.2430, 4.8102, -2.8441



46.2000, 70.4004, -40.5174



15.1720, 22.5932, -13.3058

Previews

White Background



This preview shows how the YUV color 198.2860, -77.5420, 44.4762 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 198.2860, -77.5420, 44.4762 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 198.2860, -77.5420, 44.4762

Background



This preview shows how black text looks on a background with the YUV color 198.2860, -77.5420, 44.4762.



This preview shows how white text looks on a background with the YUV color 198.2860, -77.5420, 44.4762.

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

198.2860, -77.5420, 44.4762

Protanopia

197.4370, -76.6304, 32.0658

Deuteranopia

203.8880, -53.6818, 44.8252



Tritanopia

211.6180, -3.7557, 38.0460

Trichromacy



Original Color

198.2860, -77.5420, 44.4762

Protanomaly

197.7580, -76.7887, 36.1692

Deuteranomaly

201.5970, -62.4123, 45.0804

Tritanomaly

206.6420, -30.3895, 40.6560

Monochromacy



Original Color

198.2860, -77.5420, 44.4762

Achromatopsia

198.0000, 0.0000, 0.0000

Achromatomaly

198.3570, -28.2770, 16.3499

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.2860, -77.5420, 44.4762 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(249, 203, 41)` looks like.

```
.text, #text, p{  
    color:rgb(249, 203, 41)  
}
```

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(249, 203, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 203, 41) }
```

Border

The CSS property to change the border of an element to YUV 198.2860, -77.5420, 44.4762 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(249, 203, 41) }
```


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

```
.border{ border-color:rgb(249, 203, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 203, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 203, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 203, 41);  
box-shadow:4px 4px 4px 4px rgb(249, 203,  
41) }
```

Background

The CSS property to change the background color of an element to YUV 198.2860, -77.5420, 44.4762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 203, 41) }
```

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

```
.background{ background-color: rgb(249,  
203, 41) }
```

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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