

Converting Colors

YUV(201.3180, -39.1038,
35.6781)

Have a look what the booklet for
YUV(201.3180, -39.1038, 35.6781)
contains.

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Color

**YUV(201.3180, -39.1038,
35.6781)**

Conversions

Conversions Part 1

Format	Color
Hex	F2C47A
RGB	242, 196, 122
RGB Percent	95%, 77%, 48%
CMY	0.0510, 0.2314, 0.5216
CMYK	0.00, 0.19, 0.50, 0.05
HSL	37°, 82%, 71%
HSV	37°, 50%, 95%
XYZ	59.8707, 59.7622, 26.7921
YIQ	201.3180, 51.1700, -13.2620

Conversions

Conversions Part 2

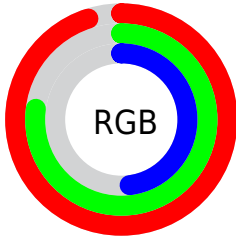
Format	Color
RYB	197, 242, 122
Decimal	15910010
CIELab	81.71, 7.45, 43.14
CIElCh	82, 43.775, 80.200
Yxy	59.7622, 0.4089, 0.4081
Android (android.graphics.Color)	4294100090 (0xFFFF2C47A)
YUV	201.3180, -39.1038, 35.6781
Hunter-Lab	77.3060, 2.9562, 33.5660

Details

The YUV color $201.3180, -39.1038, 35.6781$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $162.6820, 39.1038, -35.6781$, and the grayscale version is $202.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $244.2330, -33.6389, 9.4427$, and $146.1650, -37.0563, 32.3043$ is the 20% darker color. If you saturate the color by 10%, you get $193.2990, -46.9824, 42.7108$, and if you desaturate by 10%, it is $209.3370, -31.2251, 28.6455$.

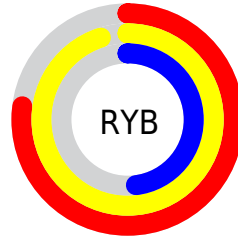
Distribution



Red (95%)

Green (77%)

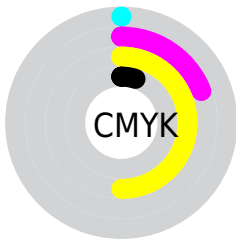
Blue (48%)



Red (77%)

Yellow (95%)

Blue (48%)

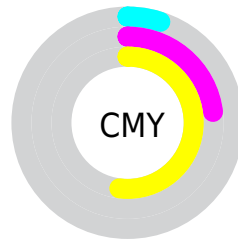


Cyan (0%)

Magenta (19%)

Yellow (50%)

Black (5%)



Cyan (5%)

Magenta (23%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 201.3180, -39.1038, 35.6781 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 201.3180, -39.1038, 35.6781 by changing the saturation by 10% instead.

■ 201.3180,
-39.1038, 35.6781

■ 201.3180,
-39.1038, 35.6781

255.0000, 0.0000,
0.0000

■ 173.5350,
-38.2248, 33.7338

■ 244.2330,
-33.6389, 9.4427

■ 146.1650,
-37.0563, 32.3043

■ 249.0720,
-22.7135, 5.1989

■ 120.3820,
-36.1773, 30.3600

■ 252.3780,
-10.0464, 2.2995

■ 94.4850, -35.7351,
28.5157

■ 70.4030, -34.7087,
25.9566

■ 49.7150, -24.5095,
21.2979

■ 29.6140, -14.5997,

16.1245

■ 6.8770, -3.3904,
14.1399

■ 0.0000, 0.0000,
0.0000

■ 201.3180,
-39.1038, 35.6781

■ 201.3180,
-39.1038, 35.6781

■ 193.2990,
-46.9824, 42.7108

■ 209.3370,
-31.2251, 28.6455

■ 184.6930,
-54.5716, 50.2582

■ 217.9430,
-23.6359, 21.0980

■ 176.5600,
-62.8871, 57.3909

■ 226.0760,
-15.3205, 13.9653

■ 168.5410,
-70.7657, 64.4235

■ 234.0950, -7.4418,
6.9327

■ 160.5220,
-78.6443, 71.4562

■ 242.1140, 0.4368,
-0.1000

■ 159.8210,
-78.7918, 72.0710

■ 249.3520, 2.7845,
-6.4477

■ 251.1130, 1.9163,
-7.9921

Harmonies

Analogous

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



199.2670, -28.2326, 48.8778



201.3180, -39.1038, 35.6781



197.3310, -35.6592, 4.0947

Triad

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



201.3180, -39.1038, 35.6781



167.8630, 30.6335, -119.1519



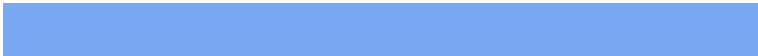
208.8490, 22.7524, 29.0734

Complementary

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



201.3180, -39.1038, 35.6781



162.6820, 39.1038, -35.6781

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.



200.9210, 26.6609, -11.3317



201.3180, -39.1038, 35.6781



169.8600, 41.9740, -116.5182

Square

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



201.3180, -39.1038, 35.6781



183.1190, 2.4063, -72.0184



188.5080, 32.7806, -60.9585



202.0610, 7.8579, 46.4275

Rectangle

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



201.3180, -39.1038, 35.6781



193.7670, -27.0001, -19.9667



188.5080, 32.7806, -60.9585



206.4130, 23.9534, 17.1778

Sweetspot

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



201.3180, -39.1038, 35.6781



241.8630, -12.2575, 11.5211



163.1240, 2.4039, 69.1743



120.0950, -7.4418, 6.9327



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.



201.3180, -39.1038, 35.6781



202.9250, -49.7560, 45.6698



224.1340, -50.3521, 3.3905



115.6970, -3.7946, 3.7737



121.3470, -59.8241, 54.9467



37.2890, -18.3835, 16.4095

Inverse Universe

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



162.6820, 39.1038, -35.6781



154.0750, 49.7560, -45.6698



139.8660, 50.3521, -3.3905



111.7160, 4.0840, -3.2589



62.0660, 60.1135, -54.4319



19.2980, 18.0941, -16.9243

Previews

White Background



This preview shows how the YUV color 201.3180, -39.1038, 35.6781 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 201.3180, -39.1038, 35.6781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

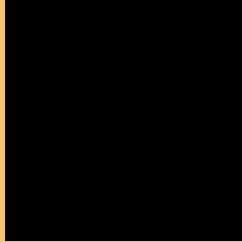
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 201.3180, -39.1038, 35.6781

Background



This preview shows how black text looks on a background with the YUV color 201.3180, -39.1038, 35.6781.



This preview shows how white text looks on a background with the YUV color 201.3180, -39.1038, 35.6781.

35.6781.

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

201.3180, -39.1038, 35.6781

Protanopia

199.7890, -36.8710, 19.4790

Deuteranopia

201.6390, -39.2620, 39.7816



Tritanopia

206.5470, -2.7347, 37.2313

Trichromacy



Original Color

201.3180, -39.1038, 35.6781

Protanomaly

200.0070, -37.4715, 25.4269

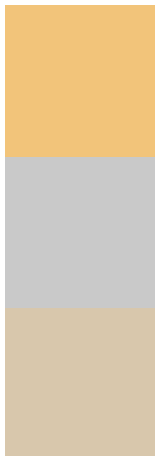
Deuteranomaly

201.6280, -39.2566, 38.0372

Tritanomaly

204.6920, -16.1172, 36.2271

Monochromacy



Original Color

201.3180, -39.1038, 35.6781

Achromatopsia

201.0000, 0.0000, 0.0000

Achromatomaly

201.0050, -14.2995, 13.1506

CSS Examples

Text

The CSS property to change the color of the text to YUV 201.3180, -39.1038, 35.6781 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(242, 196, 122)` looks like.

```
.text, #text, p{  
    color:rgb(242, 196, 122)  
}
```

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(242, 196, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 196, 122) }
```

Border

The CSS property to change the border of an element to YUV 201.3180, -39.1038, 35.6781 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(242, 196, 122) }
```


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

```
.border{ border-color:rgb(242, 196, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 196, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(242, 196, 122); -webkit-box-shadow:4px 4px 4px 4px rgb(242, 196, 122); box-shadow:4px 4px 4px 4px rgb(242, 196, 122) }
```

Background

The CSS property to change the background color of an element to YUV 201.3180, -39.1038, 35.6781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 196, 122) }
```

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

```
.background{ background-color: rgb(242,  
196, 122) }
```

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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