

Converting Colors

YUV(189.2190, -72.5790,
39.2729)

Have a look what the booklet for
YUV(189.2190, -72.5790, 39.2729)
contains.

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Color

**YUV(189.2190, -72.5790,
39.2729)**

Conversions

Conversions Part 1

Format	Color
Hex	EAC32A
RGB	234, 195, 42
RGB Percent	92%, 76%, 16%
CMY	0.0824, 0.2353, 0.8353
CMYK	0.00, 0.17, 0.82, 0.08
HSL	48°, 82%, 54%
HSV	48°, 82%, 92%
XYZ	53.8647, 56.6898, 10.2937
YIQ	189.2190, 72.3570, -39.3150

Conversions

Conversions Part 2

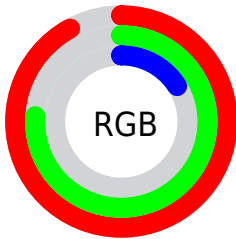
Format	Color
RYB	91, 234, 42
Decimal	15385386
CIELab	80.00, -0.04, 74.42
CIELCh	80, 74.415, 90.034
Yxy	56.6898, 0.4457, 0.4691
Android (android.graphics.Color)	4293575466 (0xFFEAC32A)
YUV	189.2190, -72.5790, 39.2729
Hunter-Lab	75.2926, -4.0624, 44.5989

Details

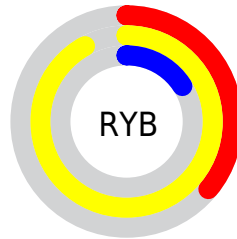
The YUV color **189.2190, -72.5790, 39.2729** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **86.7810, 72.5790, -39.2729**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.2100, -65.6725, 17.3558**, and **135.3800, -66.7423, 33.8697** is the 20% darker color. If you saturate the color by 10%, you get **183.6620, -81.1784, 44.1464**, and if you desaturate by 10%, it is **194.7760, -63.9796, 34.3994**.

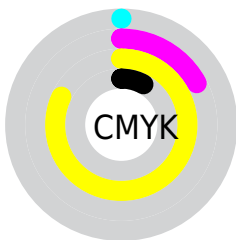
Distribution



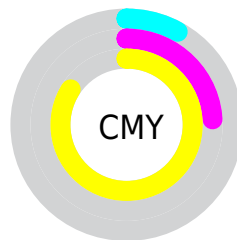
- Red (92%)
- Green (76%)
- Blue (16%)



- Red (36%)
- Yellow (92%)
- Blue (16%)



- Cyan (0%)
- Magenta (17%)
- Yellow (82%)
- Black (8%)



- Cyan (8%)
- Magenta (24%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.2190, -72.5790, 39.2729 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 189.2190, -72.5790, 39.2729 by changing the saturation by 10% instead.

■ 189.2190,
-72.5790, 39.2729

■ 189.2190,
-72.5790, 39.2729

■ 255.0000, 0.0000,
0.0000

■ 159.6120,
-78.6887, 38.9283

■ 235.2100,
-65.6725, 17.3558

■ 135.3800,
-66.7423, 33.8697

■ 240.8640,
-54.1630, 12.3973

■ 111.7350,
-55.0854, 28.2964

■ 244.0560,
-41.9326, 9.5979

■ 88.6880, -43.7232,
23.9526

■ 247.3620,
-29.2655, 6.6985

■ 66.5160, -32.7924,
17.9645

■ 250.6680,
-16.5983, 3.7992

■ 45.8280, -22.5932,
13.3058

■ 253.9740, -3.9312,

■ 26.6130, -13.1202,

0.8998

8.2324

■ 0.0000, 0.0000,
0.0000

■ 189.2190,
-72.5790, 39.2729

■ 189.2190,
-72.5790, 39.2729

■ 183.6620,
-81.1784, 44.1464

■ 194.7760,
-63.9796, 34.3994

■ 179.1480,
-88.3200, 48.1052

■ 200.4470,
-54.9434, 29.4260

■ 205.4170,
-46.0546, 25.0673

■ 211.0880,
-37.0184, 20.0938

■ 216.6450,
-28.4190, 15.2203

■ 222.2020,
-19.8196, 10.3468

■ 227.2860,
-10.4940, 5.8882

■ 232.8430, -1.8946,
1.0147

■ 238.5140, 7.1416,
-3.9588

Harmonies

Analogous

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



183.5250, -53.0098, 62.6836



189.2190, -72.5790, 39.2729



182.5910, -56.9864, -15.4273

Triad

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



189.2190, -72.5790, 39.2729



164.6670, 44.5342, -144.4130



193.3650, 30.3861, 54.0539

Complementary

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



189.2190, -72.5790, 39.2729



86.7810, 72.5790, -39.2729

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.



193.9320, 30.1065, 3.5676



189.2190, -72.5790, 39.2729



159.9710, 46.8493, -140.2946

Square

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



189.2190, -72.5790, 39.2729



157.9410, 18.7631, -138.5143



149.9920, 51.7689, -131.5430



176.6430, 12.0080, 68.7191

Rectangle

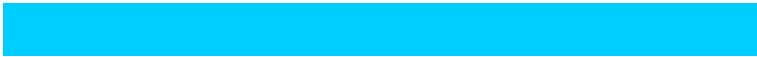
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



189.2190, -72.5790, 39.2729



173.5540, -34.2901, -61.8759



149.9920, 51.7689, -131.5430



199.2350, 27.4921, 48.9059

Sweetspot

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



189.2190, -72.5790, 39.2729



240.0730, -24.1930, 13.0910



104.1960, -9.9566, 113.8381



118.8580, -14.7200, 8.0175



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.



189.2190, -72.5790, 39.2729



196.5630, -94.4406, 51.2492



195.9660, -75.9052, -14.0022



114.5720, -4.2260, 2.1294



138.6470, -68.3530, 37.1436



41.3870, -20.4038, 11.0616

Inverse Universe

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



86.7810, 72.5790, -39.2729



63.4370, 94.4406, -51.2492



80.0340, 75.9052, 14.0022



108.4280, 4.2260, -2.1294



42.3530, 68.3530, -37.1436



12.6130, 20.4038, -11.0616

Previews

White Background



This preview shows how the YUV color 189.2190, -72.5790, 39.2729 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 189.2190, -72.5790, 39.2729 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 189.2190, -72.5790, 39.2729

Background



This preview shows how black text looks on a background with the YUV color 189.2190, -72.5790, 39.2729.



This preview shows how white text looks on a background with the YUV color 189.2190, -72.5790,

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

189.2190, -72.5790, 39.2729

Protanopia

188.3920, -71.6783, 30.3512

Deuteranopia

190.3500, -71.1645, 52.3131



Tritanopia

202.1340, -3.0241, 36.7165

Trichromacy



Original Color

189.2190, -72.5790, 39.2729

Protanomaly

189.0010, -71.9785, 33.3251

Deuteranomaly

190.2030, -71.5851, 47.1800

Tritanomaly

197.4890, -28.3421, 37.2821

Monochromacy



Original Color

189.2190, -72.5790, 39.2729

Achromatopsia

189.0000, 0.0000, 0.0000

Achromatomaly

188.9160, -26.0876, 14.1057

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.2190, -72.5790, 39.2729 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(234, 195, 42)` looks like.

```
.text, #text, p{  
    color:rgb(234, 195, 42)  
}
```

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(234, 195, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 195, 42) }
```

Border

The CSS property to change the border of an element to YUV 189.2190, -72.5790, 39.2729 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(234, 195, 42) }
```


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

```
.border{ border-color:rgb(234, 195, 42) }
```

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

Here you see how a box with a 4 pixel rgb(234, 195, 42) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 195, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 195, 42);  
box-shadow:4px 4px 4px 4px rgb(234, 195,  
42) }
```

Background

The CSS property to change the background color of an element to YUV 189.2190, -72.5790, 39.2729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 195, 42) }
```

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

```
.background{ background-color: rgb(234,  
195, 42) }
```

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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