

Converting Colors

YUV(197.1180, -62.6692,
34.0995)

Have a look what the booklet for
YUV(197.1180, -62.6692, 34.0995)
contains.

YUV(197.1180, -62.6692, 34.0995)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(197.1180, -62.6692,
34.0995)**

Conversions

Conversions Part 1

Format	Color
Hex	ECCA46
RGB	236, 202, 70
RGB Percent	93%, 79%, 27%
CMY	0.0745, 0.2078, 0.7255
CMYK	0.00, 0.14, 0.70, 0.07
HSL	48°, 81%, 60%
HSV	48°, 70%, 93%
XYZ	56.8181, 60.5161, 14.4805
YIQ	197.1180, 62.6360, -33.8440

Conversions

Conversions Part 2

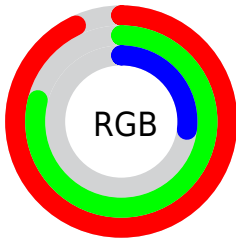
Format	Color
RYB	113, 236, 70
Decimal	15518278
CIELab	82.12, -1.72, 67.08
CIElCh	82, 67.104, 91.472
Yxy	60.5161, 0.4310, 0.4591
Android (android.graphics.Color)	4293708358 (0xFFECCA46)
YUV	197.1180, -62.6692, 34.0995
Hunter-Lab	77.7921, -5.7627, 43.4180

Details

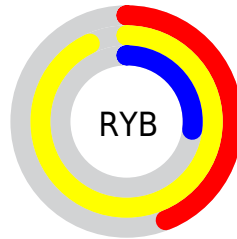
The YUV color **197.1180, -62.6692, 34.0995** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light muted yellow. A complement of this color would be **108.8820, 62.6692, -34.0995**, and the grayscale version is **198.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.1800, -56.7837, 12.9971**, and **139.5000, -68.7735, 32.0105** is the 20% darker color. If you saturate the color by 10%, you get **191.4470, -71.7054, 39.0730**, and if you desaturate by 10%, it is **202.7890, -53.6330, 29.1260**.

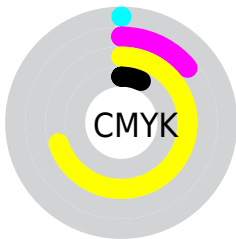
Distribution



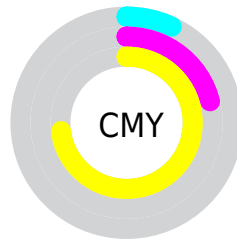
- Red (93%)
- Green (79%)
- Blue (27%)



- Red (44%)
- Yellow (93%)
- Blue (27%)



- Cyan (0%)
- Magenta (14%)
- Yellow (70%)
- Black (7%)



- Cyan (7%)
- Magenta (21%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 197.1180, -62.6692, 34.0995 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 197.1180, -62.6692, 34.0995 by changing the saturation by 10% instead.

197.1180,
-62.6692, 34.0995

197.1180,
-62.6692, 34.0995

255.0000, 0.0000,
0.0000

168.8790,
-63.5373, 32.5551

240.1800,
-56.7837, 12.9971

139.5000,
-68.7735, 32.0105

243.3720,
-44.5534, 10.1978

116.1540,
-57.2639, 27.0519

246.5640,
-32.3231, 7.3984

93.1070, -45.9018,
22.7082

249.8700,
-19.6559, 4.4990

71.2340, -35.1184,
17.3348

253.1760, -6.9888,
1.5996

49.6600, -24.4824,
12.5762

30.4450, -15.0094,

7.5027

■ 7.3760, -3.6364,
-0.3298

■ 0.0000, 0.0000,
0.0000

■ 197.1180,
-62.6692, 34.0995

■ 197.1180,
-62.6692, 34.0995

■ 191.4470,
-71.7054, 39.0730

■ 202.7890,
-53.6330, 29.1260

■ 185.8900,
-80.3048, 43.9465

■ 208.3460,
-45.0336, 24.2526

■ 180.9200,
-89.1936, 48.3052

■ 214.0170,
-35.9974, 19.2791

■ 218.9870,
-27.1086, 14.9204

■ 224.6580,
-18.0724, 9.9469

■ 230.3290, -9.0362,
4.9735

■ 235.8860, -0.4368,
0.1000

■ 241.1010, 6.8522,
-4.4736

■ 244.0360, 5.4053,
-7.0476

Harmonies

Analogous

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



191.9200, -48.7676, 55.3212



197.1180, -62.6692, 34.0995



190.8280, -49.7082, -16.5122

Triad

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



197.1180, -62.6692, 34.0995



166.4280, 43.6660, -145.9574



199.8220, 27.2028, 48.3911

Complementary

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



197.1180, -62.6692, 34.0995



108.8820, 62.6692, -34.0995

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.



201.3410, 26.4539, 8.4709



197.1180, -62.6692, 34.0995



161.7320, 45.9811, -141.8390

Square

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



197.1180, -62.6692, 34.0995



161.3150, 21.5367, -141.4733



173.2700, 40.2929, -90.5678



186.3770, 8.6881, 60.1824

Rectangle

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



197.1180, -62.6692, 34.0995



183.0260, -30.0858, -57.0278



173.2700, 40.2929, -90.5678



204.5180, 24.8876, 44.2727

Sweetspot

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



197.1180, -62.6692, 34.0995



242.3870, -20.4038, 11.0616



123.7380, -8.7448, 98.4538



120.2430, -11.9518, 6.8029



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.



197.1180, -62.6692, 34.0995



204.7760, -80.7416, 44.0464



203.0230, -65.5803, -12.2982



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.



108.8820, 62.6692, -34.0995



91.2240, 80.7416, -44.0464



102.9770, 65.5803, 12.2982



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 197.1180, -62.6692, 34.0995 looks on a white background.

Color Contrast Check

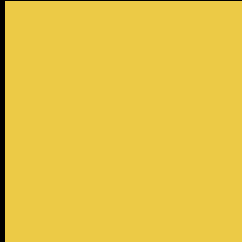
Large Text (above 18pt) WCAG AA × Fail

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 197.1180, -62.6692, 34.0995 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 197.1180, -62.6692, 34.0995

Background



This preview shows how black text looks on a background with the YUV color 197.1180, -62.6692, 34.0995.



This preview shows how white text looks on a background with the YUV color 197.1180, -62.6692, 34.0995.

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

197.1180, -62.6692, 34.0995

Protanopia

196.9000, -62.0687, 28.1517

Deuteranopia

198.5590, -61.4076, 49.4988



Tritanopia

207.7530, -1.8502, 33.5426

Trichromacy



Original Color

197.1180, -62.6692, 34.0995

Protanomaly

197.2100, -62.2215, 30.5108

Deuteranomaly

198.1130, -61.6807, 43.7509

Tritanomaly

203.9060, -24.1107, 33.4084

Monochromacy



Original Color

197.1180, -62.6692, 34.0995

Achromatopsia

197.0000, 0.0000, 0.0000

Achromatomaly

197.1160, -22.7352, 12.1763

CSS Examples

Text

The CSS property to change the color of the text to YUV 197.1180, -62.6692, 34.0995 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(236, 202, 70)` looks like.

```
.text, #text, p{  
    color:rgb(236, 202, 70)  
}
```

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(236, 202, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 202, 70) }
```

Border

The CSS property to change the border of an element to YUV 197.1180, -62.6692, 34.0995 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(236, 202, 70) }
```


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

```
.border{ border-color:rgb(236, 202, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 202, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 202, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 202, 70);  
box-shadow:4px 4px 4px 4px rgb(236, 202,  
70) }
```

Background

The CSS property to change the background color of an element to YUV 197.1180, -62.6692, 34.0995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 202, 70) }
```

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

```
.background{ background-color: rgb(236,  
202, 70) }
```

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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