

Converting Colors

YUV(187.9190, -50.7391,
34.2740)

Have a look what the booklet for
YUV(187.9190, -50.7391, 34.2740)
contains.

YUV(187.9190, -50.7391, 34.2740)	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(187.9190, -50.7391,
34.2740)**

Conversions

Conversions Part 1

Format	Color
Hex	E3BC55
RGB	227, 188, 85
RGB Percent	89%, 74%, 33%
CMY	0.1098, 0.2627, 0.6667
CMYK	0.00, 0.17, 0.63, 0.11
HSL	44°, 72%, 61%
HSV	44°, 63%, 89%
XYZ	51.3015, 52.9532, 16.1114
YIQ	187.9190, 56.3070, -23.7650

Conversions

Conversions Part 2

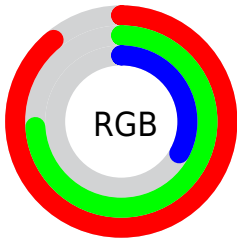
Format	Color
RYB	139, 227, 85
Decimal	14924885
CIELab	77.85, 2.58, 56.02
CIELCh	78, 56.081, 87.358
Yxy	52.9532, 0.4262, 0.4399
Android (android.graphics.Color)	4293114965 (0xFFE3BC55)
YUV	187.9190, -50.7391, 34.2740
Hunter-Lab	72.7690, -1.5048, 37.8111

Details

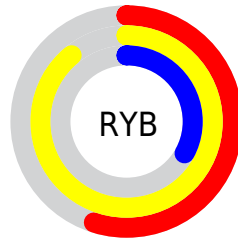
The YUV color **187.9190, -50.7391, 34.2740** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **124.0810, 50.7391, -34.2740**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.2050, -47.9221, 17.3602**, and **133.0110, -50.2914, 30.6854** is the 20% darker color. If you saturate the color by 10%, you get **181.7750, -59.0491, 39.6623**, and if you desaturate by 10%, it is **194.0630, -42.4291, 28.8857**.

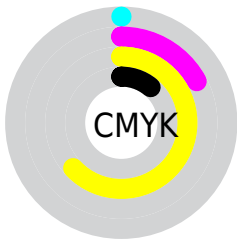
Distribution



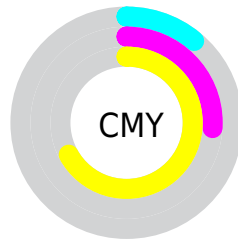
- Red (89%)
- Green (74%)
- Blue (33%)



- Red (55%)
- Yellow (89%)
- Blue (33%)



- Cyan (0%)
- Magenta (17%)
- Yellow (63%)
- Black (11%)



- Cyan (11%)
- Magenta (26%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.9190, -50.7391, 34.2740 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 187.9190, -50.7391, 34.2740 by changing the saturation by 10% instead.

■ 187.9190,
-50.7391, 34.2740

■ 187.9190,
-50.7391, 34.2740

■ 255.0000, 0.0000,
0.0000

■ 160.1360,
-49.8600, 32.3297

■ 235.2050,
-47.9221, 17.3602

■ 133.0110,
-50.2914, 30.6854

■ 244.8540,
-38.8750, 8.8980

■ 106.4300,
-52.4700, 29.4409

■ 248.0460,
-26.6447, 6.0987

■ 83.9700, -41.3972,
24.5823

■ 251.2380,
-14.4143, 3.2993

■ 62.3960, -30.7612,
19.8237

■ 254.5440, -1.7472,
0.3999

■ 41.4090, -20.4146,
14.5503

■ 22.1940, -10.9416,

9.4769

■ 0.0000, 0.0000,
0.0000

■ 187.9190,
-50.7391, 34.2740

■ 187.9190,
-50.7391, 34.2740

■ 181.7750,
-59.0491, 39.6623

■ 194.0630,
-42.4291, 28.8857

■ 175.7450,
-66.9223, 44.9506

■ 200.0930,
-34.5558, 23.5974

■ 169.0140,
-74.9429, 50.8537

■ 206.8240,
-26.5352, 17.6944

■ 164.7280,
-81.2109, 54.6125

■ 212.9680,
-18.2252, 12.3061

■ 218.9980,
-10.3520, 7.0178

■ 225.1420, -2.0420,
1.6295

■ 231.8730, 5.9786,
-4.2736

■ 236.6490, 9.0470,
-8.4622

■ 240.1710, 7.3107,
-11.5510

Harmonies

Analogous

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



187.5320, -40.1953, 59.1694



187.9190, -50.7391, 34.2740



183.0170, -42.8994, -7.0309

Triad

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



187.9190, -50.7391, 34.2740



155.2120, 41.3075, -136.1209



198.2410, 25.0242, 47.1466

Complementary

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



187.9190, -50.7391, 34.2740



124.0810, 50.7391, -34.2740

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.



191.8280, 31.1438, -2.4802



187.9190, -50.7391, 34.2740



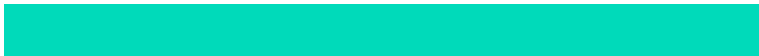
153.5140, 50.0326, -134.6318

Square

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



187.9190, -50.7391, 34.2740



149.1700, 18.1572, -130.8221



170.4010, 41.7073, -77.5277



186.3940, 6.2148, 60.1675

Rectangle

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



187.9190, -50.7391, 34.2740



177.4890, -28.8351, -38.1399



170.4010, 41.7073, -77.5277



197.3640, 28.4145, 33.0068

Sweetspot

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



187.9190, -50.7391, 34.2740



241.8970, -17.2042, 11.4913



132.0180, -3.4599, 83.2992



119.2970, -10.4994, 7.6325



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.



187.9190, -50.7391, 34.2740



202.1150, -68.0907, 46.3801



201.5430, -57.4557, -4.8612



111.8710, -4.3734, 2.7441



129.2440, -63.7173, 43.6360



36.9680, -18.2252, 12.3061

Inverse Universe

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



124.0810, 50.7391, -34.2740



116.2980, 68.3801, -45.8653



110.4570, 57.4557, 4.8612



106.1290, 4.3734, -2.7441



49.1690, 64.0067, -43.1212



14.0320, 18.2252, -12.3061

Previews

White Background



This preview shows how the YUV color 187.9190, -50.7391, 34.2740 looks on a white background.

Color Contrast Check

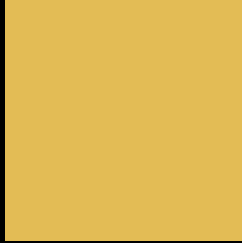
Large Text (above 18pt) WCAG AA × Fail

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 187.9190, -50.7391, 34.2740 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 187.9190, -50.7391, 34.2740

Background



This preview shows how black text looks on a background with the YUV color 187.9190, -50.7391, 34.2740.



This preview shows how white text looks on a background with the YUV color 187.9190, -50.7391, 34.2740.

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

187.9190, -50.7391, 34.2740

Protanopia

187.0810, -49.8329, 23.6080

Deuteranopia

188.3870, -50.4768, 43.5106



Tritanopia

196.1230, -3.0186, 34.9721

Trichromacy



Original Color

187.9190, -50.7391, 34.2740

Protanomaly

187.4020, -49.9912, 27.7114

Deuteranomaly

188.3650, -50.4659, 40.0219

Tritanomaly

193.2420, -20.3323, 34.8678

Monochromacy



Original Color

187.9190, -50.7391, 34.2740

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

187.9680, -18.2252, 12.3061

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.9190, -50.7391, 34.2740 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(227, 188, 85)` looks like.

```
.text, #text, p{  
    color:rgb(227, 188, 85)  
}
```

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(227, 188, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 188, 85) }
```

Border

The CSS property to change the border of an element to YUV 187.9190, -50.7391, 34.2740 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(227, 188, 85) }
```


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

```
.border{ border-color:rgb(227, 188, 85) }
```

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

Here you see how a box with a 4 pixel rgb(227, 188, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 188, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 188, 85);  
box-shadow:4px 4px 4px 4px rgb(227, 188,  
85) }
```

Background

The CSS property to change the background color of an element to YUV 187.9190, -50.7391, 34.2740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 188, 85) }
```

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

```
.background{ background-color: rgb(227,  
188, 85) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor