

Converting Colors

YUV(192.2600, -34.6382,
3.2800)

Have a look what the booklet for
YUV(192.2600, -34.6382, 3.2800)
contains.

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Color

**YUV(192.2600, -34.6382,
3.2800)**

Conversions

Conversions Part 1

Format	Color
Hex	C4CC7A
RGB	196, 204, 122
RGB Percent	77%, 80%, 48%
CMY	0.2314, 0.2000, 0.5216
CMYK	0.04, 0.00, 0.40, 0.20
HSL	66°, 45%, 64%
HSV	66°, 40%, 80%
XYZ	47.8707, 56.3266, 26.7614
YIQ	192.2600, 21.5540, -27.1980

Conversions

Conversions Part 2

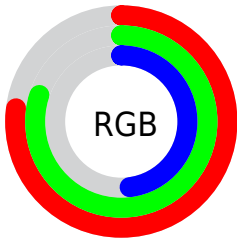
Format	Color
RYB	122, 204, 130
Decimal	12897402
CIELab	79.80, -15.11, 39.89
CIELCh	80, 42.659, 110.750
Yxy	56.3266, 0.3655, 0.4301
Android (android.graphics.Color)	4291087482 (0xFFC4CC7A)
YUV	192.2600, -34.6382, 3.2800
Hunter-Lab	75.0511, -17.4847, 31.3943

Details

The YUV color **192.2600, -34.6382, 3.2800** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **133.7400, 34.6382, -3.2800**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.6950, -34.3596, 7.2835**, and **138.3030, -33.1804, 2.3653** is the 20% darker color. If you saturate the color by 10%, you get **189.3820, -43.0793, 4.0500**, and if you desaturate by 10%, it is **195.1380, -26.1970, 2.5100**.

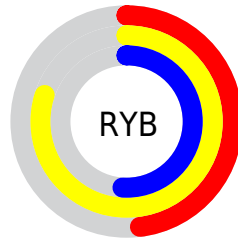
Distribution



Red (77%)

Green (80%)

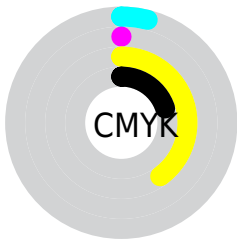
Blue (48%)



Red (48%)

Yellow (80%)

Blue (51%)

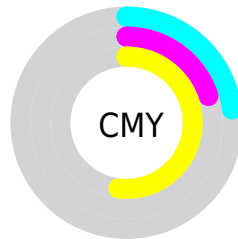


Cyan (4%)

Magenta (0%)

Yellow (40%)

Black (20%)



Cyan (23%)

Magenta (20%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 192.2600, -34.6382, 3.2800 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 192.2600, -34.6382, 3.2800 by changing the saturation by 10% instead.

■ 192.2600,
-34.6382, 3.2800

■ 192.2600,
-34.6382, 3.2800

255.0000, 0.0000,
0.0000

■ 165.0750,
-34.0540, 2.5652

■ 245.6950,
-34.3596, 7.2835

■ 138.3030,
-33.1804, 2.3653

■ 249.0720,
-22.7135, 5.1989

■ 112.2320,
-32.1594, 1.5505

■ 252.3780,
-10.0464, 2.2995

■ 87.2320, -32.1594,
1.5505

■ 63.1610, -31.1384,
0.7358

■ 43.0710, -21.2340,
-2.6933

■ 22.9700, -11.3242,

-7.8667

■ 0.0000, 0.0000,
0.0000

■ 192.2600,
-34.6382, 3.2800

■ 192.2600,
-34.6382, 3.2800

■ 189.3820,
-43.0793, 4.0500

■ 195.1380,
-26.1970, 2.5100

■ 186.3900,
-51.9573, 4.9200

■ 198.1300,
-17.3191, 1.6400

■ 183.5120,
-60.3984, 5.6900

■ 201.0080, -8.8779,
0.8700

■ 180.5200,
-69.2764, 6.5600

■ 204.0000, 0.0000,
0.0000

■ 177.6420,
-77.7175, 7.3300

■ 206.8780, 8.4411,
-0.7700

■ 174.7640,
-86.1587, 8.1000

■ 209.7560, 16.8823,
-1.5400

■ 211.6080, 21.3923,
-1.4102

■ 212.2060, 21.0974,
-0.1807

■ 212.8040, 20.8026,
1.0489

Harmonies

Analogous

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



195.9480, -37.9354, 34.2486



192.2600, -34.6382, 3.2800



186.5250, -19.9788, -32.0324

Triad

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



192.2600, -34.6382, 3.2800



167.5340, 43.1207, -110.9703



199.0290, 6.3947, 49.0866

Complementary

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



192.2600, -34.6382, 3.2800



133.7400, 34.6382, -3.2800

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.



203.4360, 22.4631, 28.5586



192.2600, -34.6382, 3.2800



184.6870, 34.6643, -58.4845

Square

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



192.2600, -34.6382, 3.2800



164.3690, 29.8911, -114.3336



196.7900, 28.6975, -11.2168



194.4690, -11.0772, 53.0857

Rectangle

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



192.2600, -34.6382, 3.2800



181.4430, -5.6414, -57.3935



196.7900, 28.6975, -11.2168



201.6850, 11.4943, 46.7573

Sweetspot

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



192.2600, -34.6382, 3.2800



250.5690, -13.0985, 1.2550



150.6270, -14.1131, 46.8081



125.3500, -7.5676, 0.5700



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.



192.2600, -34.6382, 3.2800



237.5040, -51.5205, 4.8200



180.3000, -28.7419, -21.3111



100.5610, -4.2206, 0.3850



142.2920, -70.1500, 6.7599



32.7710, -16.1561, 1.9548

Inverse Universe

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



133.7400, 34.6382, -3.2800



150.4960, 51.5205, -4.8200



145.7000, 28.7419, 21.3111



93.4390, 4.2206, -0.3850



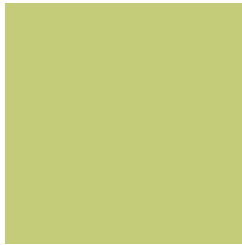
23.7080, 70.1500, -6.7599



5.5280, 16.0087, -1.3401

Previews

White Background



This preview shows how the YUV color 192.2600, -34.6382, 3.2800 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 192.2600, -34.6382, 3.2800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

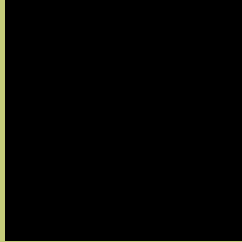
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 192.2600, -34.6382, 3.2800

Background



This preview shows how black text looks on a background with the YUV color 192.2600, -34.6382, 3.2800.



This preview shows how white text looks on a background with the YUV color 192.2600, -34.6382, 3.2800.

3.2800.

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

192.2600, -34.6382, 3.2800

Protanopia

194.4900, -36.7236, 18.8643

Deuteranopia

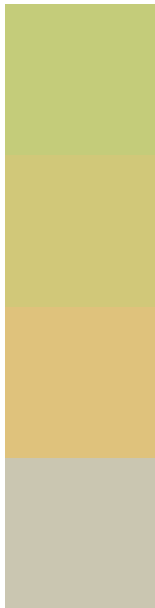
196.3550, -35.1780, 36.5227



Tritanopia

199.2980, 4.7831, 5.8777

Trichromacy



Original Color

192.2600, -34.6382, 3.2800

Protanomaly

193.6850, -35.8337, 13.4313

Deuteranomaly

194.6910, -34.8507, 24.8270

Tritanomaly

196.8020, -9.7624, 4.5586

Monochromacy



Original Color

192.2600, -34.6382, 3.2800

Achromatopsia

192.0000, 0.0000, 0.0000

Achromatomaly

191.7970, -12.2249, 1.0550

CSS Examples

Text

The CSS property to change the color of the text to YUV 192.2600, -34.6382, 3.2800 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(196, 204, 122)` looks like.

```
.text, #text, p{  
    color:rgb(196, 204, 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(196, 204, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 204, 122) }
```

Border

The CSS property to change the border of an element to YUV 192.2600, -34.6382, 3.2800 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(196, 204, 122) }
```


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

```
.border{ border-color:rgb(196, 204, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 204, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 204, 122); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 204, 122); box-shadow:4px 4px 4px 4px rgb(196, 204, 122) }
```

Background

The CSS property to change the background color of an element to YUV 192.2600, -34.6382, 3.2800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 204, 122) }
```

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

```
.background{ background-color: rgb(196,  
204, 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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