

Converting Colors

YUV(232.1300, -17.3191,
1.6400)

Have a look what the booklet for
YUV(232.1300, -17.3191, 1.6400)
contains.

YUV(232.1300, -17.3191, 1.6400)	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(232.1300, -17.3191,
1.6400)**

Conversions

Conversions Part 1

Format	Color
Hex	EAEEC5
RGB	234, 238, 197
RGB Percent	92%, 93%, 77%
CMY	0.0824, 0.0667, 0.2275
CMYK	0.02, 0.00, 0.17, 0.07
HSL	66°, 55%, 85%
HSV	66°, 17%, 93%
XYZ	74.5843, 82.6727, 64.8497
YIQ	232.1300, 10.7770, -13.5990

Conversions

Conversions Part 2

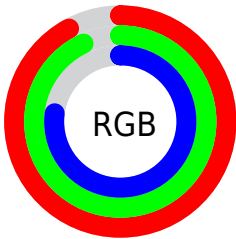
Format	Color
RYB	197, 238, 201
Decimal	15396549
CIELab	92.87, -8.09, 19.44
CIELCh	93, 21.052, 112.596
Yxy	82.6727, 0.3358, 0.3722
Android (android.graphics.Color)	4293586629 (0xFFEAEEC5)
YUV	232.1300, -17.3191, 1.6400
Hunter-Lab	90.9245, -12.6966, 21.3600

Details

The YUV color $232.1300, -17.3191, 1.6400$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $202.8700, 17.3191, -1.6400$, and the grayscale version is $232.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.8860, -0.4368, 0.1000$, and $176.3580, -16.4455, 1.4400$ is the 20% darker color. If you saturate the color by 10%, you get $228.7960, -27.5074, 2.8099$, and if you desaturate by 10%, it is $235.4640, -7.1308, 0.4701$.

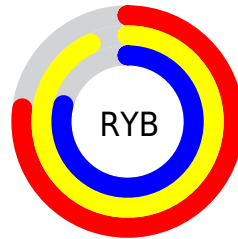
Distribution



Red (92%)

Green (93%)

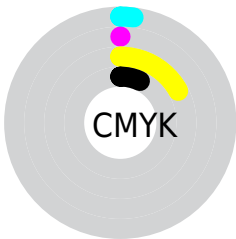
Blue (77%)



Red (77%)

Yellow (93%)

Blue (79%)

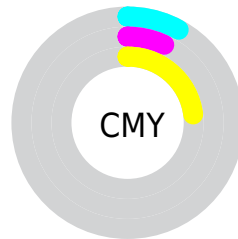


Cyan (2%)

Magenta (0%)

Yellow (17%)

Black (7%)



Cyan (8%)

Magenta (7%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 232.1300, -17.3191, 1.6400 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 232.1300, -17.3191, 1.6400 by changing the saturation by 10% instead.

■ 232.1300,
-17.3191, 1.6400

■ 232.1300,
-17.3191, 1.6400

255.0000, 0.0000,
0.0000

■ 204.2440,
-16.8823, 1.5400

254.8860, -0.4368,
0.1000

■ 176.3580,
-16.4455, 1.4400

■ 149.4720,
-16.0087, 1.3401

■ 123.7000,
-15.1351, 1.1401

■ 98.8140, -14.6983,
1.0401

■ 74.9280, -14.2615,
0.9401

■ 51.8570, -13.2405,

0.1254

■ 30.7000, -15.1351,
1.1401

■ 8.8050, -4.3409,
-7.7220

■ 232.1300,
-17.3191, 1.6400

■ 232.1300,
-17.3191, 1.6400

■ 228.7960,
-27.5074, 2.8099

■ 235.4640, -7.1308,
0.4701

■ 225.1630,
-37.5484, 3.3650

■ 239.0970, 2.9102,
-0.0851

■ 221.9430,
-47.2999, 4.4350

■ 240.8350, 6.9833,
0.1447

■ 218.6090,
-57.4882, 5.6049

■ 241.4330, 6.6885,
1.3743

■ 214.9760,
-67.5292, 6.1600

■ 242.3300, 6.2463,
3.2186

■ 211.6420,
-77.7175, 7.3300

■ 242.9280, 5.9515,
4.4481

■ 208.3080,
-87.9058, 8.4999

■ 243.5260, 5.6567,
5.6777

■ 204.7890,
-97.5100, 8.9550

■ 244.4230, 5.2145,
7.5220

■ 203.9910,
-100.5676, 9.6549

■ 245.0210, 4.9196,
8.7516

Harmonies

Analogous

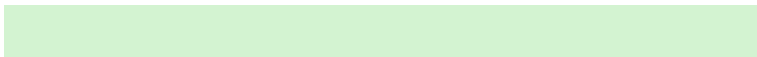
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



234.0720, -19.2625, 18.3539



232.1300, -17.3191, 1.6400



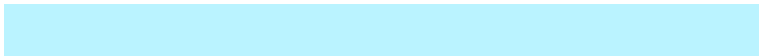
229.5560, -10.1341, -16.2736

Triad

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



232.1300, -17.3191, 1.6400



227.3250, 13.6438, -36.2420



233.3320, 3.2873, 19.0028

Complementary

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



232.1300, -17.3191, 1.6400



202.8700, 17.3191, -1.6400

Split Complementary

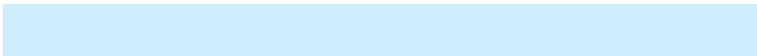
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



237.3900, 8.6817, 15.4440



232.1300, -17.3191, 1.6400



230.3700, 12.1426, -21.3725

Square

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



232.1300, -17.3191, 1.6400



226.9070, 10.8918, -40.2604



234.0350, 10.3357, -1.7847



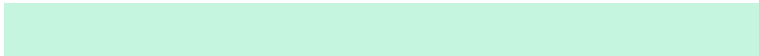
231.0520, -5.4486, 21.0024

Rectangle

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



232.1300, -17.3191, 1.6400



228.0260, -2.9708, -27.2098



234.0350, 10.3357, -1.7847



234.7170, 6.0555, 17.7882

Sweetspot

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



232.1300, -17.3191, 1.6400



253.2190, -5.5310, 0.6849



211.0200, -6.9119, 23.6615



126.7890, -3.3470, 0.1850



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

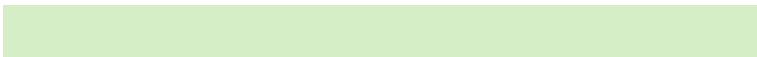
The Same Dimension uses a secret algorithm to generate beautiful new colors.



232.1300, -17.3191, 1.6400



247.3490, -22.8501, 2.3249



226.1500, -14.3709, -10.6555



118.3330, -5.0942, 0.5850



157.6420, -77.7175, 7.3300



48.1210, -23.7237, 2.5249

Inverse Universe

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



202.8700, 17.3191, -1.6400



208.9500, 22.7027, -1.7101



208.8500, 14.3710, 10.6556



109.6670, 5.0942, -0.5850



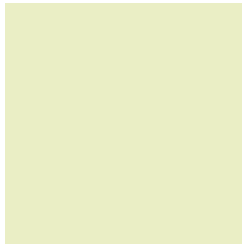
26.3580, 77.7175, -7.3300



7.8790, 23.7237, -2.5249

Previews

White Background



This preview shows how the YUV color 232.1300, -17.3191, 1.6400 looks on a white background.

Color Contrast Check

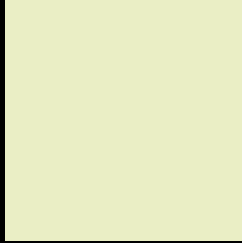
Large Text (above 18pt) WCAG AA × Fail

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 232.1300, -17.3191, 1.6400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

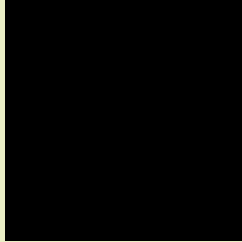
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

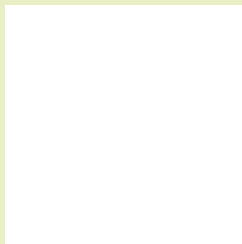
Any Text WCAG AAA ✓ Pass

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

YUV 232.1300, -17.3191, 1.6400 Background



This preview shows how black text looks on a background with the YUV color 232.1300, -17.3191, 1.6400.



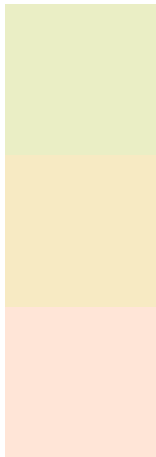
This preview shows how white text looks on a background with the YUV color 232.1300, -17.3191, 1.6400.

1.6400.

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

232.1300, -17.3191, 1.6400

Protanopia

233.4410, -18.9514, 11.8912

Deuteranopia

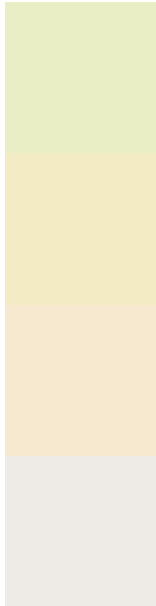
235.1780, -9.9478, 17.3839



Tritanopia

236.0420, 6.3883, 4.3482

Trichromacy



Original Color

232.1300, -17.3191, 1.6400

Protanomaly

232.6470, -18.0670, 8.2026

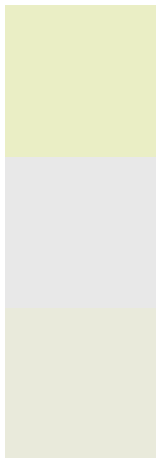
Deuteranomaly

233.7490, -12.6943, 11.6211

Tritanomaly

234.7400, -2.3368, 2.8590

Monochromacy



Original Color

232.1300, -17.3191, 1.6400

Achromatopsia

232.0000, 0.0000, 0.0000

Achromatomaly

231.9910, -6.4046, 0.8849

CSS Examples

Text

The CSS property to change the color of the text to YUV 232.1300, -17.3191, 1.6400 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, 238, 197)` looks like.

```
.text, #text, p{  
    color:rgb(234, 238, 197)  
}
```

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, 238, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 238, 197) }
```

Border

The CSS property to change the border of an element to YUV 232.1300, -17.3191, 1.6400 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, 238, 197) }
```


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

```
.border{ border-color:rgb(234, 238, 197) }
```

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

Here you see how a box with a 4 pixel rgb(234, 238, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 238, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 238, 197);  
box-shadow:4px 4px 4px 4px rgb(234, 238,  
197) }
```

Background

The CSS property to change the background color of an element to YUV 232.1300, -17.3191, 1.6400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 238, 197) }
```

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

```
.background{ background-color: rgb(234,  
238, 197) }
```

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