

Converting Colors

YUV(211.1600, -22.7569,
19.1537)

Have a look what the booklet for
YUV(211.1600, -22.7569, 19.1537)
contains.

YUV(211.1600, -22.7569, 19.1537)	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(211.1600, -22.7569,
19.1537)**

Conversions

Conversions Part 1

Format	Color
Hex	E9D1A5
RGB	233, 209, 165
RGB Percent	91%, 82%, 65%
CMY	0.0863, 0.1804, 0.3529
CMYK	0.00, 0.10, 0.29, 0.09
HSL	39°, 61%, 78%
HSV	39°, 29%, 91%
XYZ	63.1963, 65.6412, 44.9365
YIQ	211.1600, 28.4280, -8.5960

Conversions

Conversions Part 2

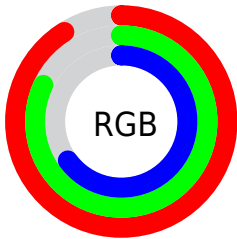
Format	Color
RYB	202, 233, 165
Decimal	15323557
CIELab	84.81, 1.86, 24.91
CIElCh	85, 24.980, 85.721
Yxy	65.6412, 0.3637, 0.3777
Android (android.graphics.Color)	4293513637 (0xFFE9D1A5)
YUV	211.1600, -22.7569, 19.1537
Hunter-Lab	81.0192, -2.5509, 23.8289

Details

The YUV color $211.1600, -22.7569, 19.1537$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $186.8400, 22.7569, -19.1537$, and the grayscale version is $211.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.0100, -15.2879, 3.4992$, and $156.4910, -21.4411, 17.1094$ is the 20% darker color. If you saturate the color by 10%, you get $203.8420, -30.4881, 25.5716$, and if you desaturate by 10%, it is $218.4780, -15.0257, 12.7358$.

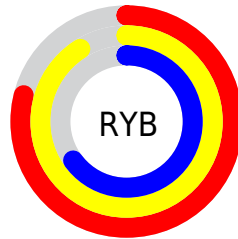
Distribution



Red (91%)

Green (82%)

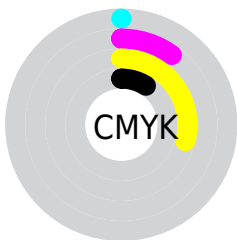
Blue (65%)



Red (79%)

Yellow (91%)

Blue (65%)

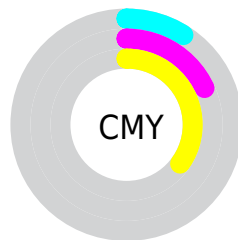


Cyan (0%)

Magenta (10%)

Yellow (29%)

Black (9%)



Cyan (9%)

Magenta (18%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 211.1600, -22.7569, 19.1537 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 211.1600, -22.7569, 19.1537 by changing the saturation by 10% instead.

■ 211.1600,
-22.7569, 19.1537

■ 211.1600,
-22.7569, 19.1537

■ 255.0000, 0.0000,
0.0000

■ 183.0890,
-21.7359, 18.3389

■ 251.0100,
-15.2879, 3.4992

■ 156.4910,
-21.4411, 17.1094

■ 254.3160, -2.6208,
0.5999

■ 130.3060,
-20.8569, 16.3946

■ 105.1210,
-20.2727, 15.6799

■ 80.7510, -19.1042,
14.2504

■ 57.2670, -18.3726,
12.9208

■ 35.1960, -17.3516,

12.1061

■ 16.2800, -8.0260,
7.6474

■ 0.0000, 0.0000,
0.0000

■ 211.1600,
-22.7569, 19.1537

■ 211.1600,
-22.7569, 19.1537

■ 203.8420,
-30.4881, 25.5716

■ 218.4780,
-15.0257, 12.7358

■ 196.4100,
-38.6561, 32.0894

■ 225.9100, -6.8576,
6.2179

■ 188.5050,
-46.0980, 39.0221

■ 233.8150, 0.5842,
-0.7148

■ 181.1870,
-53.8292, 45.4400

■ 240.7910, 7.0050,
-6.8327

■ 173.8690,
-61.5604, 51.8579

■ 245.4870, 4.6899,
-10.9511

■ 166.4370,
-69.7284, 58.3758

■ 248.4220, 3.2430,
-13.5251

■ 158.5320,
-77.1703, 65.3084

■ 158.3040,
-78.0439, 65.5084

Harmonies

Analogous

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



213.1710, -19.3113, 34.0530



211.1600, -22.7569, 19.1537



208.8370, -19.6396, -0.7340

Triad

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



211.1600, -22.7569, 19.1537



202.0630, 14.2659, -49.1673



215.5200, 11.5756, 20.5920

Complementary

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



211.1600, -22.7569, 19.1537



186.8400, 22.7569, -19.1537

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.



213.5540, 19.9399, -2.2399



211.1600, -22.7569, 19.1537



204.2730, 22.5434, -44.0894

Square

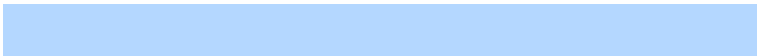
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



211.1600, -22.7569, 19.1537



202.9150, 2.0139, -39.3905



209.0950, 22.6312, -25.5163



215.3340, 0.3283, 34.7871

Rectangle

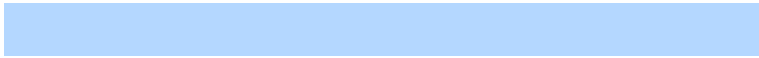
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



211.1600, -22.7569, 19.1537



206.8290, -14.2127, -14.7590



209.0950, 22.6312, -25.5163



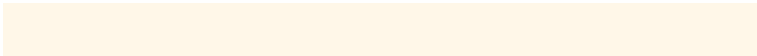
215.5730, 14.5075, 13.5295

Sweetspot

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



211.1600, -22.7569, 19.1537



247.6820, -7.7312, 6.4179



188.1820, 0.8963, 39.3054



123.3550, -5.1050, 4.0737



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.



211.1600, -22.7569, 19.1537



226.6570, -29.9039, 24.8568



222.5570, -28.3756, 1.2655



113.3980, -3.6472, 3.1590



122.7980, -60.5394, 51.0432



36.6910, -18.0887, 15.1800

Inverse Universe

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



186.8400, 22.7569, -19.1537



194.3430, 29.9039, -24.8568



175.4430, 28.3756, -1.2655



109.6020, 3.6472, -3.1590



58.2020, 60.5394, -51.0432



17.3090, 18.0887, -15.1800

Previews

White Background



This preview shows how the YUV color 211.1600, -22.7569, 19.1537 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 211.1600, -22.7569, 19.1537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

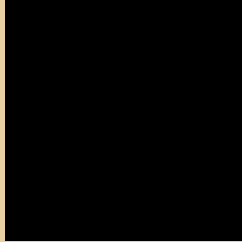
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 211.1600, -22.7569, 19.1537

Background



This preview shows how black text looks on a background with the YUV color 211.1600, -22.7569, 19.1537.



This preview shows how white text looks on a background with the YUV color 211.1600, -22.7569, 19.1537.

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

211.1600, -22.7569, 19.1537

Protanopia

210.3550, -21.8670, 13.7207

Deuteranopia

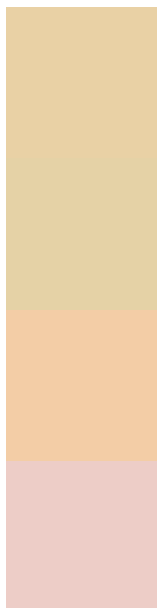
212.2370, -22.7948, 31.3642



Tritanopia

214.8870, 1.5347, 21.1471

Trichromacy



Original Color

211.1600, -22.7569, 19.1537

Protanomaly

210.6650, -22.0198, 16.0798

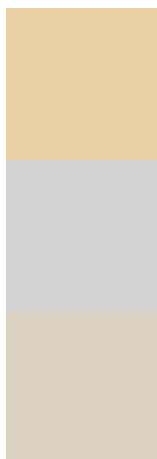
Deuteranomaly

211.9160, -22.6366, 27.2607

Tritanomaly

213.8840, -7.3378, 20.2727

Monochromacy



Original Color

211.1600, -22.7569, 19.1537

Achromatopsia

211.0000, 0.0000, 0.0000

Achromatomaly

210.8670, -8.3154, 7.1326

CSS Examples

Text

The CSS property to change the color of the text to YUV 211.1600, -22.7569, 19.1537 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(233, 209, 165)` looks like.

```
.text, #text, p{  
    color:rgb(233, 209, 165)  
}
```

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(233, 209, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 209, 165) }
```

Border

The CSS property to change the border of an element to YUV 211.1600, -22.7569, 19.1537 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(233, 209, 165) }
```


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

```
.border{ border-color:rgb(233, 209, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 209, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 209, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 209, 165);  
box-shadow:4px 4px 4px 4px rgb(233, 209,  
165) }
```

Background

The CSS property to change the background color of an element to YUV 211.1600, -22.7569, 19.1537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 209, 165) }
```

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

```
.background{ background-color: rgb(233,  
209, 165) }
```

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