

Converting Colors

YUV(199.3160, -36.1448,
19.8939)

Have a look what the booklet for
YUV(199.3160, -36.1448, 19.8939)
contains.

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Color

**YUV(199.3160, -36.1448,
19.8939)**

Conversions

Conversions Part 1

Format	Color
Hex	DECA7E
RGB	222, 202, 126
RGB Percent	87%, 79%, 49%
CMY	0.1294, 0.2078, 0.5059
CMYK	0.00, 0.09, 0.43, 0.13
HSL	47°, 59%, 68%
HSV	47°, 43%, 87%
XYZ	55.0106, 59.2770, 28.2809
YIQ	199.3160, 36.3160, -19.3960

Conversions

Conversions Part 2

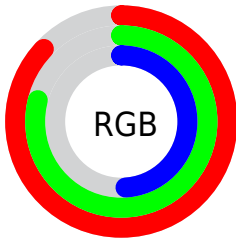
Format	Color
RYB	151, 222, 126
Decimal	14600830
CIELab	81.44, -3.33, 40.40
CIELCh	81, 40.536, 94.715
Yxy	59.2770, 0.3859, 0.4158
Android (android.graphics.Color)	4292790910 (0xFFDECA7E)
YUV	199.3160, -36.1448, 19.8939
Hunter-Lab	76.9916, -7.1966, 32.1154

Details

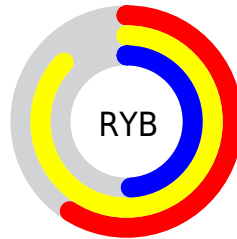
The YUV color $199.3160, -36.1448, 19.8939$ is a light color, and the websafe version is hex $CCCC66$. A complement of this color would be $148.6840, 36.1448, -19.8939$, and the grayscale version is $200.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $246.4500, -32.7599, 7.4983$, and $144.7610, -34.3922, 17.7496$ is the 20% darker color. If you saturate the color by 10%, you get $193.8730, -44.3074, 24.6674$, and if you desaturate by 10%, it is $204.7590, -27.9822, 15.1204$.

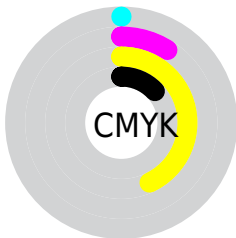
Distribution



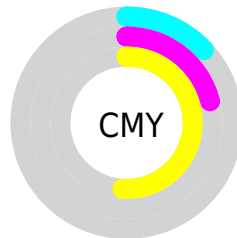
- Red (87%)
- Green (79%)
- Blue (49%)



- Red (59%)
- Yellow (87%)
- Blue (49%)



- Cyan (0%)
- Magenta (9%)
- Yellow (43%)
- Black (13%)



- Cyan (13%)
- Magenta (21%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.3160, -36.1448, 19.8939 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 199.3160, -36.1448, 19.8939 by changing the saturation by 10% instead.

■ 199.3160,
-36.1448, 19.8939

■ 199.3160,
-36.1448, 19.8939

255.0000, 0.0000,
0.0000

■ 171.8320,
-35.4132, 18.5643

■ 246.4500,
-32.7599, 7.4983

■ 144.7610,
-34.3922, 17.7496

■ 249.6420,
-20.5295, 4.6990

■ 118.6900,
-33.3712, 16.9349

■ 252.8340, -8.2992,
1.8996

■ 93.6790, -33.3657,
15.1905

■ 68.8530, -33.9445,
14.1609

■ 48.4640, -23.8928,
10.1171

■ 28.6620, -14.1304,

5.5584

■ 4.6960, -2.3151,
-4.1184

■ 0.0000, 0.0000,
0.0000

■ 199.3160,
-36.1448, 19.8939

■ 199.3160,
-36.1448, 19.8939

■ 193.8730,
-44.3074, 24.6674

■ 204.7590,
-27.9822, 15.1204

■ 189.0170,
-52.7594, 28.9261

■ 209.6150,
-19.5302, 10.8616

■ 183.4600,
-61.3588, 33.7996

■ 215.1720,
-10.9308, 5.9882

■ 178.0170,
-69.5214, 38.5731

■ 220.0280, -2.4788,
1.7294

■ 173.1610,
-77.9734, 42.8318

■ 225.4710, 5.6838,
-3.0441

■ 169.6900,
-83.6572, 45.8759

■ 230.4580, 12.0992,
-7.4177

■ 232.8060, 10.9416,
-9.4769

■ 235.7410, 9.4947,
-12.0509

■ 238.6760, 8.0477,
-14.6249

Harmonies

Analogous

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



202.5780, -33.3160, 45.9741



199.3160, -36.1448, 19.8939



194.9960, -27.6060, -12.2745

Triad

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



199.3160, -36.1448, 19.8939



174.2870, 34.3685, -103.7377



207.6350, 13.9839, 41.5391

Complementary

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



199.3160, -36.1448, 19.8939



148.6840, 36.1448, -19.8939

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.



204.8850, 24.7067, 8.8709



199.3160, -36.1448, 19.8939



183.9790, 35.0134, -77.1576

Square

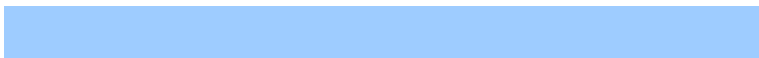
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



199.3160, -36.1448, 19.8939



180.5120, 13.0586, -82.0100



196.0600, 29.0574, -33.3786



200.3680, -1.1674, 47.9123

Rectangle

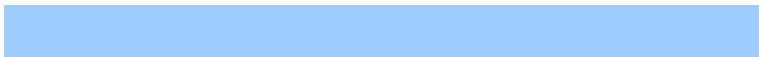
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



199.3160, -36.1448, 19.8939



191.0130, -16.7684, -35.0914



196.0600, 29.0574, -33.3786



207.9480, 19.2526, 31.6176

Sweetspot

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



199.3160, -36.1448, 19.8939



247.1290, -12.3886, 6.9029



157.0980, -4.9783, 56.9191



122.6710, -7.7258, 4.6735



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.



199.3160, -36.1448, 19.8939



223.4020, -49.9912, 27.7114



202.9830, -37.9526, -7.0011



109.5720, -4.2260, 2.1294



134.2170, -66.1690, 36.6437



36.6580, -18.0724, 9.9469

Inverse Universe

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



148.6840, 36.1448, -19.8939



153.5980, 49.9912, -27.7114



145.0170, 37.9526, 7.0011



103.4280, 4.2260, -2.1294



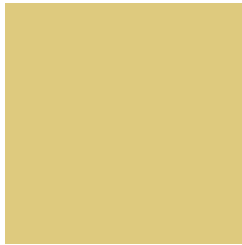
41.7830, 66.1690, -36.6437



11.3420, 18.0724, -9.9469

Previews

White Background



This preview shows how the YUV color 199.3160, -36.1448, 19.8939 looks on a white background.

Color Contrast Check

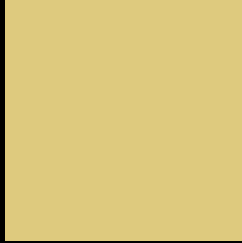
Large Text (above 18pt) WCAG AA × Fail

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 199.3160, -36.1448, 19.8939 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

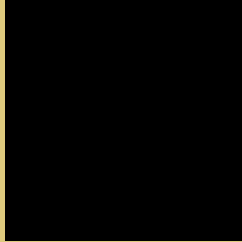
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 199.3160, -36.1448, 19.8939

Background



This preview shows how black text looks on a background with the YUV color 199.3160, -36.1448, 19.8939.



This preview shows how white text looks on a background with the YUV color 199.3160, -36.1448,

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

199.3160, -36.1448, 19.8939

Protanopia

199.0170, -35.9974, 19.2791

Deuteranopia

200.8390, -35.9096, 37.8522



Tritanopia

205.0720, 0.9505, 21.8619

Trichromacy



Original Color

199.3160, -36.1448, 19.8939

Protanomaly

199.0170, -35.9974, 19.2791

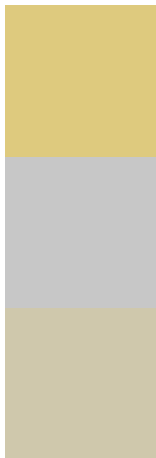
Deuteranomaly

200.0940, -36.0353, 31.4896

Tritanomaly

203.2170, -12.4320, 20.8577

Monochromacy



Original Color

199.3160, -36.1448, 19.8939

Achromatopsia

199.0000, 0.0000, 0.0000

Achromatomaly

198.9010, -13.2622, 7.1028

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.3160, -36.1448, 19.8939 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(222, 202, 126)` looks like.

```
.text, #text, p{  
    color:rgb(222, 202, 126)  
}
```

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(222, 202, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 202, 126) }
```

Border

The CSS property to change the border of an element to YUV 199.3160, -36.1448, 19.8939 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(222, 202, 126) }
```


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

```
.border{ border-color:rgb(222, 202, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 202, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 202, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 202, 126); box-shadow:4px 4px 4px 4px rgb(222, 202, 126) }
```

Background

The CSS property to change the background color of an element to YUV 199.3160, -36.1448, 19.8939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 202, 126) }
```

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

```
.background{ background-color: rgb(222,  
202, 126) }
```

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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