

Converting Colors

YUV(187.2830, -36.1285,
14.6608)

Have a look what the booklet for
YUV(187.2830, -36.1285, 14.6608)
contains.

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Color

**YUV(187.2830, -36.1285,
14.6608)**

Conversions

Conversions Part 1

Format	Color
Hex	CCC172
RGB	204, 193, 114
RGB Percent	80%, 76%, 45%
CMY	0.2000, 0.2431, 0.5529
CMYK	0.00, 0.05, 0.44, 0.20
HSL	53°, 47%, 62%
HSV	53°, 44%, 80%
XYZ	47.0091, 52.1922, 23.5160
YIQ	187.2830, 31.9150, -22.2370

Conversions

Conversions Part 2

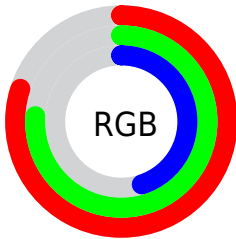
Format	Color
RYB	127, 204, 114
Decimal	13418866
CIELab	77.40, -7.15, 41.03
CIELCh	77, 41.651, 99.891
Yxy	52.1922, 0.3831, 0.4253
Android (android.graphics.Color)	4291608946 (0xFFCCC172)
YUV	187.2830, -36.1285, 14.6608
Hunter-Lab	72.2442, -10.2779, 31.2716

Details

The YUV color **187.2830, -36.1285, 14.6608** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **130.7170, 36.1285, -14.6608**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.4460, -36.7019, 11.8869**, and **133.7280, -34.3759, 12.5165** is the 20% darker color. If you saturate the color by 10%, you get **183.8290, -44.2857, 17.6900**, and if you desaturate by 10%, it is **190.7370, -27.9713, 11.6317**.

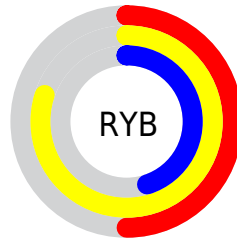
Distribution



Red (80%)

Green (76%)

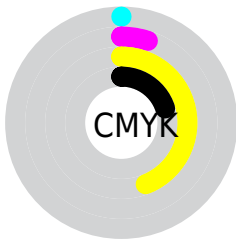
Blue (45%)



Red (50%)

Yellow (80%)

Blue (45%)

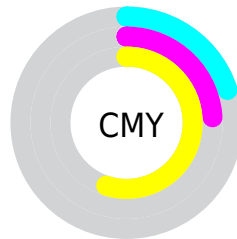


Cyan (0%)

Magenta (5%)

Yellow (44%)

Black (20%)



Cyan (20%)

Magenta (24%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.2830, -36.1285, 14.6608 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 187.2830, -36.1285, 14.6608 by changing the saturation by 10% instead.

■ 187.2830,
-36.1285, 14.6608

■ 187.2830,
-36.1285, 14.6608

■ 255.0000, 0.0000,
0.0000

■ 160.2120,
-35.1075, 13.8461

■ 241.4460,
-36.7019, 11.8869

■ 133.7280,
-34.3759, 12.5165

■ 248.1600,
-26.2079, 5.9987

■ 107.5430,
-33.7917, 11.8018

■ 251.3520,
-13.9775, 3.1993

■ 82.7170, -34.3705,
10.7722

■ 254.6580, -1.3104,
0.2999

■ 60.2590, -29.7077,
8.5429

■ 39.8700, -19.6559,
4.4990

■ 20.6550, -10.1829,

-0.5744

■ 0.0000, 0.0000,
0.0000

■ 187.2830,
-36.1285, 14.6608

■ 187.2830,
-36.1285, 14.6608

■ 183.8290,
-44.2857, 17.6900

■ 190.7370,
-27.9713, 11.6317

■ 179.6740,
-52.5903, 21.3339

■ 194.8920,
-19.6668, 7.9877

■ 176.2200,
-60.7475, 24.3631

■ 198.3460,
-11.5096, 4.9586

■ 172.0650,
-69.0520, 28.0070

■ 202.5010, -3.2050,
1.3146

■ 168.6110,
-77.2092, 31.0362

■ 205.9550, 4.9522,
-1.7145

■ 166.0690,
-81.8720, 33.2655

■ 209.9960, 12.8200,
-5.2585

■ 213.3360, 20.5404,
-8.1877

■ 215.0970, 19.6722,
-9.7321

■ 216.2710, 19.0934,
-10.7617

Harmonies

Analogous

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



190.6870, -35.3417, 42.3705



187.2830, -36.1285, 14.6608



182.5330, -25.4058, -18.0074

Triad

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



187.2830, -36.1285, 14.6608



153.5060, 42.1485, -125.8548



196.5710, 11.0575, 46.8572

Complementary

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



187.2830, -36.1285, 14.6608



130.7170, 36.1285, -14.6608

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.



195.3140, 27.4532, 14.6336



187.2830, -36.1285, 14.6608



173.6570, 40.1021, -75.9982

Square

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



187.2830, -36.1285, 14.6608



164.3300, 19.0643, -95.0054



187.8310, 33.1143, -27.9158



191.2720, -5.5571, 55.8895

Rectangle

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



187.2830, -36.1285, 14.6608



178.1800, -13.3997, -42.2539



187.8310, 33.1143, -27.9158



196.7100, 16.9050, 37.9653

Sweetspot

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



187.2830, -36.1285, 14.6608



248.8900, -13.2568, 5.3585



142.2780, -8.0251, 54.1302



123.8450, -8.3046, 3.6439



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.



187.2830, -36.1285, 14.6608



229.6310, -54.0481, 22.2486



183.8730, -34.4474, -11.2896



100.2730, -4.0786, 1.5146



134.7490, -66.4313, 27.4071



31.3200, -15.4408, 5.8584

Inverse Universe

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



130.7170, 36.1285, -14.6608



144.7820, 54.3375, -21.7338



134.1270, 34.4474, 11.2896



93.7270, 4.0786, -1.5146



30.6640, 66.7206, -26.8923



7.2670, 15.1514, -6.3732

Previews

White Background



This preview shows how the YUV color 187.2830, -36.1285, 14.6608 looks on a white background.

Color Contrast Check

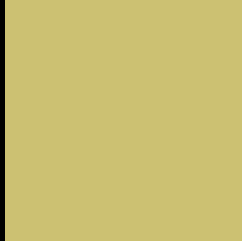
Large Text (above 18pt) WCAG AA × Fail

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 187.2830, -36.1285, 14.6608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

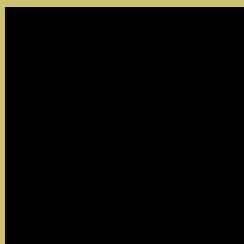
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 187.2830, -36.1285, 14.6608

Background



This preview shows how black text looks on a background with the YUV color 187.2830, -36.1285, 14.6608.



This preview shows how white text looks on a background with the YUV color 187.2830, -36.1285, 14.6608.

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

187.2830, -36.1285, 14.6608

Protanopia

187.4900, -36.7236, 18.8643

Deuteranopia

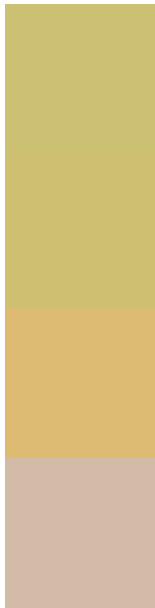
190.0130, -36.4884, 36.8226



Tritanopia

193.5660, 1.6930, 17.0436

Trichromacy



Original Color

187.2830, -36.1285, 14.6608

Protanomaly

187.4790, -36.7181, 17.1199

Deuteranomaly

189.2570, -36.6087, 28.7156

Tritanomaly

191.5970, -12.1263, 16.1394

Monochromacy



Original Color

187.2830, -36.1285, 14.6608

Achromatopsia

187.0000, 0.0000, 0.0000

Achromatomaly

186.8900, -13.2568, 5.3585

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.2830, -36.1285, 14.6608 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(204, 193, 114)` looks like.

```
.text, #text, p{  
    color:rgb(204, 193, 114)  
}
```

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(204, 193, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 193, 114) }
```

Border

The CSS property to change the border of an element to YUV 187.2830, -36.1285, 14.6608 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(204, 193, 114) }
```


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

```
.border{ border-color:rgb(204, 193, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 193, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 193, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 193, 114);  
box-shadow:4px 4px 4px 4px rgb(204, 193,  
114) }
```

Background

The CSS property to change the background color of an element to YUV 187.2830, -36.1285, 14.6608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 193, 114) }
```

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

```
.background{ background-color: rgb(204,  
193, 114) }
```

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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