

Converting Colors

YUV(189.4740, -46.0827,
-12.6937)

Have a look what the booklet for
YUV(189.4740, -46.0827, -12.6937)
contains.

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Color

**YUV(189.4740, -46.0827,
-12.6937)**

Conversions

Conversions Part 1

Format	Color
Hex	AFD760
RGB	175, 215, 96
RGB Percent	69%, 84%, 38%
CMY	0.3137, 0.1569, 0.6235
CMYK	0.19, 0.00, 0.55, 0.16
HSL	80°, 60%, 61%
HSV	80°, 55%, 84%
XYZ	44.0910, 58.5594, 20.0456
YIQ	189.4740, 14.3590, -45.4890

Conversions

Conversions Part 2

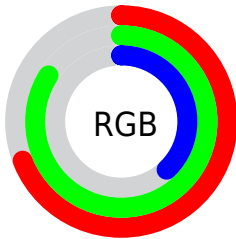
Format	Color
RYB	96, 215, 136
Decimal	11523936
CIELab	81.05, -31.26, 53.55
CIELCh	81, 62.005, 120.273
Yxy	58.5594, 0.3594, 0.4773
Android (android.graphics.Color)	4289714016 (0xFFAFD760)
YUV	189.4740, -46.0827, -12.6937
Hunter-Lab	76.5241, -31.0707, 38.0358

Details

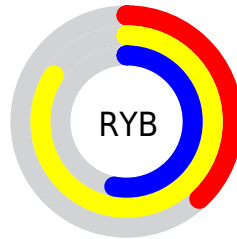
The YUV color **189.4740, -46.0827, -12.6937** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **121.5260, 46.0827, 12.6937**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.4520, -42.6208, -3.0274**, and **134.5880, -45.6459, -12.7937** is the 20% darker color. If you saturate the color by 10%, you get **184.8730, -54.6604, -14.7976**, and if you desaturate by 10%, it is **194.0750, -37.5050, -10.5898**.

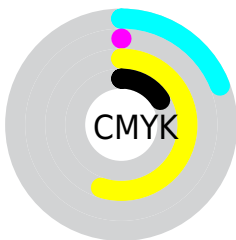
Distribution



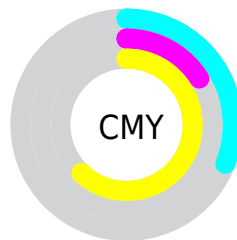
- Red (69%)
- Green (84%)
- Blue (38%)



- Red (38%)
- Yellow (84%)
- Blue (53%)



- Cyan (19%)
- Magenta (0%)
- Yellow (55%)
- Black (16%)



- Cyan (31%)
- Magenta (16%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.4740, -46.0827, -12.6937 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 189.4740, -46.0827, -12.6937 by changing the saturation by 10% instead.

■ 189.4740,
-46.0827, -12.6937

■ 189.4740,
-46.0827, -12.6937

■ 255.0000, 0.0000,
0.0000

■ 161.7020,
-45.2091, -12.8937

■ 236.4520,
-42.6208, -3.0274

■ 134.5880,
-45.6459, -12.7937

■ 246.2220,
-33.6334, 7.6983

■ 107.2630,
-49.4297, -12.5087

■ 249.4140,
-21.4031, 4.8989

■ 83.1300, -40.9831,
-15.0230

■ 252.7200, -8.7360,
1.9996

■ 61.5670, -30.3525,
-18.0373

■ 37.3130, -18.3953,
-26.5845

■ 22.8930, -11.2862,

-20.0772

■ 4.1090, -2.0257,
-3.6036

■ 0.0000, 0.0000,
0.0000

■ 189.4740,
-46.0827, -12.6937

■ 189.4740,
-46.0827, -12.6937

■ 184.8730,
-54.6604, -14.7976

■ 194.0750,
-37.5050, -10.5898

■ 180.3860,
-62.8013, -17.0015

■ 198.5620,
-29.3641, -8.3859

■ 175.4860,
-71.2316, -19.7202

■ 203.4620,
-20.9338, -5.6672

■ 170.9990,
-79.3725, -21.9241

■ 207.9490,
-12.7929, -3.4633

■ 168.9620,
-83.2983, -22.7687

■ 212.5500, -4.2151,
-1.3593

■ 217.0370, 3.9258,
0.8446

■ 221.9370, 12.3561,
3.5633

■ 224.9420, 14.8186,
7.0669

■ 227.0350, 13.7867,
11.3703

Harmonies

Analogous

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



195.3120, -56.8488, 33.9294



189.4740, -46.0827, -12.6937



177.1520, -17.8229, -70.2933

Triad

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



189.4740, -46.0827, -12.6937



159.3840, 47.1387, -139.7798



188.0240, 7.3832, 58.7380

Complementary

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



189.4740, -46.0827, -12.6937



121.5260, 46.0827, 12.6937

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.



200.9960, 26.6240, 47.3615



189.4740, -46.0827, -12.6937



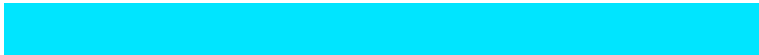
175.6950, 39.0974, -80.4165

Square

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



189.4740, -46.0827, -12.6937



163.4930, 45.1130, -143.3834



199.5470, 27.3383, 4.7823



185.0480, -19.2507, 61.3479

Rectangle

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



189.4740, -46.0827, -12.6937



154.9430, 12.3531, -135.8850



199.5470, 27.3383, 4.7823



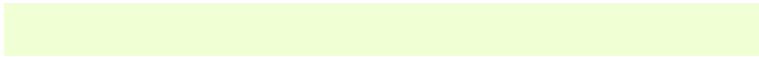
191.4780, 15.5403, 55.7088

Sweetspot

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



189.4740, -46.0827, -12.6937



245.6130, -16.5712, -4.9226



155.0610, -29.1171, 52.5665



122.3450, -10.0301, -2.9336



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.



189.4740, -46.0827, -12.6937



218.8050, -64.9799, -18.2460



171.8330, -37.3857, -48.9655



104.8490, -4.3626, -0.7446



134.1640, -66.1429, -18.5608



33.9120, -16.7186, -4.3078

Inverse Universe

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



121.5260, 46.0827, 12.6937



122.8960, 65.1273, 17.6312



139.1670, 37.3857, 48.9655



98.4500, 4.2152, 1.3594



36.5370, 66.2903, 17.9461



9.3870, 16.5712, 4.9226

Previews

White Background



This preview shows how the YUV color 189.4740, -46.0827, -12.6937 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 189.4740, -46.0827, -12.6937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

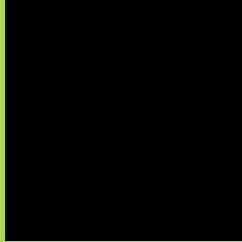
Any Text WCAG AA ✓ Pass

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 189.4740, -46.0827, -12.6937 Background



This preview shows how black text looks on a background with the YUV color 189.4740, -46.0827, -12.6937.



This preview shows how white text looks on a background with the YUV color 189.4740, -46.0827, -12.6937.

-12.6937.

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

189.4740, -46.0827, -12.6937

Protanopia

195.1520, -50.8539, 24.4227

Deuteranopia

197.5980, -47.1298, 43.3256



Tritanopia

200.2360, 8.7577, -8.9770

Trichromacy



Original Color

189.4740, -46.0827, -12.6937

Protanomaly

193.1180, -49.3582, 11.2975

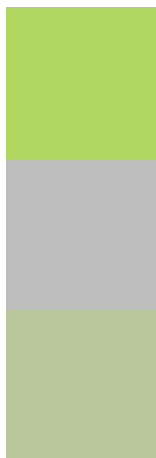
Deuteranomaly

194.8790, -46.7753, 22.9081

Tritanomaly

196.6600, -11.1714, -10.2258

Monochromacy



Original Color

189.4740, -46.0827, -12.6937

Achromatopsia

189.0000, 0.0000, 0.0000

Achromatomaly

188.9120, -16.7186, -4.3078

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.4740, -46.0827, -12.6937 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(175, 215, 96)` looks like.

```
.text, #text, p{  
    color:rgb(175, 215, 96)  
}
```

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(175, 215, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 215, 96) }
```

Border

The CSS property to change the border of an element to YUV 189.4740, -46.0827, -12.6937 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(175, 215, 96) }
```


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

```
.border{ border-color:rgb(175, 215, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 215, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 215, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 215, 96);  
box-shadow:4px 4px 4px 4px rgb(175, 215,  
96) }
```

Background

The CSS property to change the background color of an element to YUV 189.4740, -46.0827, -12.6937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 215, 96) }
```

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

```
.background{ background-color: rgb(175,  
215, 96) }
```

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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