

Converting Colors

YUV(196.9560, -90.6903,
14.9476)

Have a look what the booklet for
YUV(196.9560, -90.6903, 14.9476)
contains.

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Color

**YUV(196.9560, -90.6903,
14.9476)**

Conversions

Conversions Part 1

Format	Color
Hex	D6E00D
RGB	214, 224, 13
RGB Percent	84%, 88%, 5%
CMY	0.1608, 0.1216, 0.9490
CMYK	0.04, 0.00, 0.94, 0.12
HSL	63°, 89%, 46%
HSV	63°, 94%, 88%
XYZ	54.4599, 67.6365, 10.5656
YIQ	196.9560, 61.7710, -67.7410

Conversions

Conversions Part 2

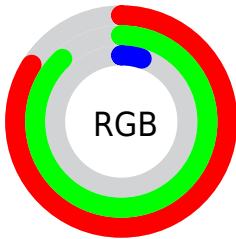
Format	Color
RYB	13, 224, 23
Decimal	14082061
CIELab	85.82, -23.61, 83.65
CIELCh	86, 86.922, 105.761
Yxy	67.6365, 0.4105, 0.5098
Android (android.graphics.Color)	4292272141 (0xFFD6E00D)
YUV	196.9560, -90.6903, 14.9476
Hunter-Lab	82.2414, -25.7207, 49.9520

Details

The YUV color **196.9560, -90.6903, 14.9476** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **40.0440, 90.6903, -14.9476**, and the grayscale version is **198.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.4180, -71.1981, 16.2964**, and **145.5480, -71.7552, 8.2894** is the 20% darker color. If you saturate the color by 10%, you get **195.1750, -96.2213, 15.6325**, and if you desaturate by 10%, it is **199.7630, -81.2282, 13.3628**.

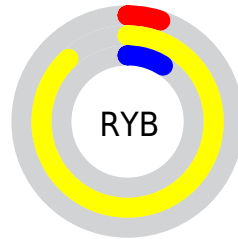
Distribution



Red (84%)

Green (88%)

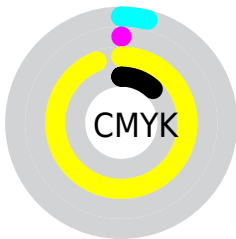
Blue (5%)



Red (5%)

Yellow (88%)

Blue (9%)

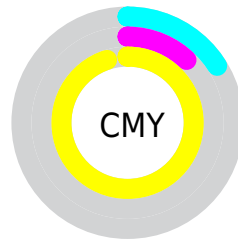


Cyan (4%)

Magenta (0%)

Yellow (94%)

Black (12%)



Cyan (16%)

Magenta (12%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.9560, -90.6903, 14.9476 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 196.9560, -90.6903, 14.9476 by changing the saturation by 10% instead.

■ 196.9560,
-90.6903, 14.9476

■ 196.9560,
-90.6903, 14.9476

■ 255.0000, 0.0000,
0.0000

■ 170.0680,
-83.8435, 12.2184

■ 236.4180,
-71.1981, 16.2964

■ 145.5480,
-71.7552, 8.2894

■ 239.8380,
-58.0941, 13.2971

■ 121.6150,
-59.9562, 3.8456

■ 243.2580,
-44.9902, 10.2977

■ 97.6820, -48.1572,
-0.5981

■ 246.5640,
-32.3231, 7.3984

■ 75.2220, -37.0844,
-5.4567

■ 249.9840,
-19.2191, 4.3990

■ 53.0610, -26.1591,
-9.7005

■ 253.2900, -6.5520,

■ 31.7750, -15.6651,

1.4997

-15.5887

■ 16.4360, -8.1029,
-14.4144

■ 0.0000, 0.0000,
0.0000

■ 196.9560,
-90.6903, 14.9476

■ 196.9560,
-90.6903, 14.9476

■ 195.1750,
-96.2213, 15.6325

■ 199.7630,
-81.2282, 13.3628

■ 202.6840,
-71.3292, 11.6781

■ 205.4910,
-61.8671, 10.0934

■ 208.4120,
-51.9681, 8.4087

■ 211.2190,
-42.5060, 6.8239

■ 214.0260,
-33.0438, 5.2392

■ 216.9470,
-23.1449, 3.5545

■ 219.7540,
-13.6827, 1.9697

■ 222.9740, -3.9312,
0.8998

Harmonies

Analogous

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



194.7170, -81.2055, 52.8682



196.9560, -90.6903, 14.9476



186.4110, -47.5306, -61.7504

Triad

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



196.9560, -90.6903, 14.9476



175.2330, 39.3251, -153.6793



186.9080, 33.5694, 59.7167

Complementary

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



196.9560, -90.6903, 14.9476



40.0440, 90.6903, -14.9476

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.



206.8660, 23.7301, 42.2135



196.9560, -90.6903, 14.9476



167.0150, 43.3766, -146.4722

Square

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



196.9560, -90.6903, 14.9476



177.5810, 38.1676, -155.7385



190.0250, 32.0327, -54.3959



174.8530, 0.0725, 70.2889

Rectangle

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



196.9560, -90.6903, 14.9476



161.8780, -9.3069, -141.9670



190.0250, 32.0327, -54.3959



192.1910, 30.9648, 55.0835

Sweetspot

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



196.9560, -90.6903, 14.9476



246.0090, -30.5704, 5.2541



80.1980, -33.1286, 126.1144



122.0870, -18.7769, 2.5547



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.



196.9560, -90.6903, 14.9476



222.3420, -109.6146, 18.1171



166.1590, -75.5074, -48.3744



110.7460, -4.8048, 1.0998



153.5440, -75.6972, 12.6779



41.9300, -20.6715, 3.5694

Inverse Universe

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



40.0440, 90.6903, -14.9476



32.6580, 109.6146, -18.1171



70.8410, 75.5074, 48.3744



102.5530, 4.6574, -0.4850



22.4560, 75.6972, -12.6779



6.0700, 20.6715, -3.5694

Previews

White Background



This preview shows how the YUV color 196.9560, -90.6903, 14.9476 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 196.9560, -90.6903, 14.9476 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 196.9560, -90.6903, 14.9476

Background



This preview shows how black text looks on a background with the YUV color 196.9560, -90.6903, 14.9476.

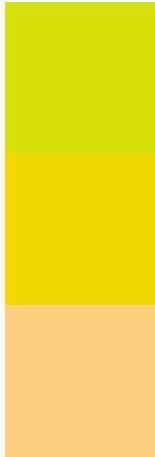


This preview shows how white text looks on a background with the YUV color 196.9560, -90.6903, 14.9476.

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

196.9560, -90.6903, 14.9476

Protanopia

198.5630, -97.8916, 38.0942

Deuteranopia

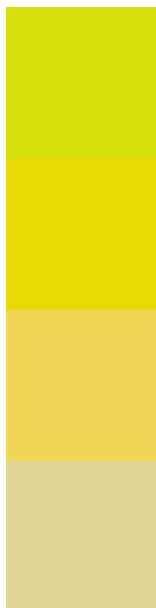
212.2320, -42.0194, 37.5075



Tritanopia

216.2170, 4.3300, 11.2107

Trichromacy



Original Color

196.9560, -90.6903, 14.9476

Protanomaly

197.9040, -95.1017, 29.9022

Deuteranomaly

206.5950, -59.4533, 29.2962

Tritanomaly

209.4660, -30.3027, 12.7463

Monochromacy



Original Color

196.9560, -90.6903, 14.9476

Achromatopsia

197.0000, 0.0000, 0.0000

Achromatomaly

197.0260, -33.0438, 5.2392

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.9560, -90.6903, 14.9476 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(214, 224, 13)` looks like.

```
.text, #text, p{  
    color:rgb(214, 224, 13)  
}
```

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(214, 224, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 224, 13) }
```

Border

The CSS property to change the border of an element to YUV 196.9560, -90.6903, 14.9476 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(214, 224, 13) }
```


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

```
.border{ border-color:rgb(214, 224, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 224, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 224, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 224, 13);  
box-shadow:4px 4px 4px 4px rgb(214, 224,  
13) }
```

Background

The CSS property to change the background color of an element to YUV 196.9560, -90.6903, 14.9476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 224, 13) }
```

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

```
.background{ background-color: rgb(214,  
224, 13) }
```

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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