

Converting Colors

YUV(204.0990, -40.4748,
8.6832)

Have a look what the booklet for
YUV(204.0990, -40.4748, 8.6832)
contains.

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Color

**YUV(204.0990, -40.4748,
8.6832)**

Conversions

Conversions Part 1

Format	Color
Hex	D6D77A
RGB	214, 215, 122
RGB Percent	84%, 84%, 48%
CMY	0.1608, 0.1569, 0.5216
CMYK	0.00, 0.00, 0.43, 0.16
HSL	61°, 54%, 66%
HSV	61°, 43%, 84%
XYZ	55.5448, 64.3022, 27.8964
YIQ	204.0990, 29.2570, -29.1350

Conversions

Conversions Part 2

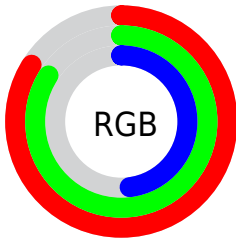
Format	Color
R _Y B	122, 215, 123
Decimal	14079866
CIE Lab	84.12, -13.54, 45.60
CIE LCh	84, 47.566, 106.534
Yxy	64.3022, 0.3760, 0.4352
Android (android.graphics.Color)	4292269946 (0xFFD6D77A)
YUV	204.0990, -40.4748, 8.6832
Hunter-Lab	80.1886, -16.6872, 35.5060

Details

The YUV color $204.0990, -40.4748, 8.6832$ is a light color, and the websafe version is hex $CCCC66$. A complement of this color would be $132.9010, 40.4748, -8.6832$, and the grayscale version is $204.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $245.9940, -34.5070, 7.8983$, and $149.2560, -38.5802, 7.6685$ is the 20% darker color. If you saturate the color by 10%, you get $201.7050, -49.6476, 10.7827$, and if you desaturate by 10%, it is $206.6070, -30.8653, 6.4837$.

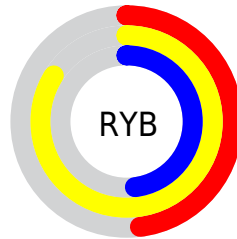
Distribution



Red (84%)

Green (84%)

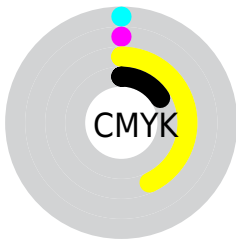
Blue (48%)



Red (48%)

Yellow (84%)

Blue (48%)

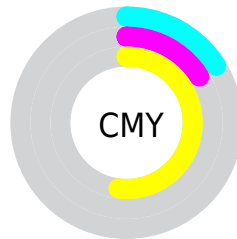


Cyan (0%)

Magenta (0%)

Yellow (43%)

Black (16%)



Cyan (16%)

Magenta (16%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 204.0990, -40.4748, 8.6832 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 204.0990, -40.4748, 8.6832 by changing the saturation by 10% instead.

■ 204.0990,
-40.4748, 8.6832

■ 204.0990,
-40.4748, 8.6832

■ 255.0000, 0.0000,
0.0000

■ 176.0280,
-39.4538, 7.8684

■ 245.9940,
-34.5070, 7.8983

■ 149.2560,
-38.5802, 7.6685

■ 249.1860,
-22.2767, 5.0989

■ 122.6580,
-38.2854, 6.4389

■ 252.3780,
-10.0464, 2.2995

■ 97.1310, -39.0116,
6.0241

■ 73.2170, -36.0960,
4.1947

■ 52.2410, -25.7548,
0.6656

■ 31.8520, -15.7030,

-3.3782

■ 12.3270, -6.0772,
-10.8108

■ 0.0000, 0.0000,
0.0000

■ 204.0990,
-40.4748, 8.6832

■ 204.0990,
-40.4748, 8.6832

■ 201.7050,
-49.6476, 10.7827

■ 206.6070,
-30.8653, 6.4837

■ 199.1970,
-59.2571, 12.9822

■ 209.0010,
-21.6925, 4.3841

■ 196.5040,
-68.2825, 14.4670

■ 211.8080,
-12.2303, 2.7994

■ 193.9960,
-77.8920, 16.6665

■ 214.2020, -3.0576,
0.6998

■ 191.4880,
-87.5016, 18.8660

■ 216.7100, 6.5520,
-1.4997

■ 189.8920,
-93.6168, 20.2657

■ 219.1040, 15.7247,
-3.5992

■ 219.8590, 17.3245,
-3.3843

Harmonies

Analogous

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



207.5530, -42.1776, 41.6110



204.0990, -40.4748, 8.6832



198.0430, -25.6572, -30.7327

Triad

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



204.0990, -40.4748, 8.6832



164.0800, 44.8236, -143.8982



206.5920, 12.5261, 42.4538

Complementary

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



204.0990, -40.4748, 8.6832



132.9010, 40.4748, -8.6832

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.



213.5670, 20.4265, 28.4437



204.0990, -40.4748, 8.6832



188.7080, 32.6820, -76.0429

Square

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



204.0990, -40.4748, 8.6832



164.0340, 34.4932, -143.8578



205.0080, 24.6461, -18.4240



200.2880, -6.5510, 47.9824

Rectangle

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



204.0990, -40.4748, 8.6832



192.6940, -9.7091, -59.3676



205.0080, 24.6461, -18.4240



209.9490, 17.7731, 39.5097

Sweetspot

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



204.0990, -40.4748, 8.6832



251.2380, -14.4143, 3.2993



149.8070, -13.7089, 57.1743



125.3070, -9.0254, 1.4848



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.



204.0990, -40.4748, 8.6832



239.5390, -57.9467, 12.6823



190.6440, -33.8415, -18.9818



105.7460, -4.8048, 1.0998



150.9080, -74.3976, 15.8667



38.0980, -18.7823, 4.2991

Inverse Universe

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



132.9010, 40.4748, -8.6832



137.7600, 57.7993, -12.0675



146.6550, 33.6941, 19.5966



97.5530, 4.6574, -0.4850



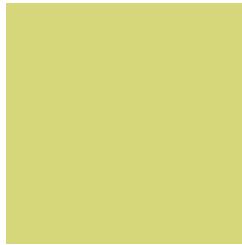
20.0920, 74.3976, -15.8667



4.9020, 18.7823, -4.2991

Previews

White Background



This preview shows how the YUV color 204.0990, -40.4748, 8.6832 looks on a white background.

Color Contrast Check

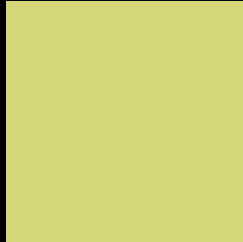
Large Text (above 18pt) WCAG AA × Fail

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 204.0990, -40.4748, 8.6832 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

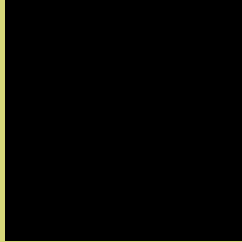
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 204.0990, -40.4748, 8.6832

Background



This preview shows how black text looks on a background with the YUV color 204.0990, -40.4748, 8.6832.



This preview shows how white text looks on a background with the YUV color 204.0990, -40.4748, 8.6832.

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

204.0990, -40.4748, 8.6832

Protanopia

205.7200, -42.2600, 21.2936

Deuteranopia

207.5960, -40.7198, 40.6963



Tritanopia

212.1030, 3.8932, 11.3107

Trichromacy



Original Color

204.0990, -40.4748, 8.6832

Protanomaly

205.2140, -41.5175, 16.4753

Deuteranomaly

205.9320, -40.3925, 29.0006

Tritanomaly

209.1510, -12.3994, 10.3916

Monochromacy



Original Color

204.0990, -40.4748, 8.6832

Achromatopsia

204.0000, 0.0000, 0.0000

Achromatomaly

204.1240, -14.8511, 3.3993

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.0990, -40.4748, 8.6832 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, 215, 122)` looks like.

```
.text, #text, p{  
    color:rgb(214, 215, 122)  
}
```

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, 215, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 215, 122) }
```

Border

The CSS property to change the border of an element to YUV 204.0990, -40.4748, 8.6832 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, 215, 122) }
```


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

```
.border{ border-color:rgb(214, 215, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 215, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 215, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 215, 122);  
box-shadow:4px 4px 4px 4px rgb(214, 215,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 204.0990, -40.4748, 8.6832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 215, 122) }
```

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

```
.background{ background-color: rgb(214,  
215, 122) }
```

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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