

Converting Colors

YUV(192.6690, -24.9798,
-14.6187)

Have a look what the booklet for
YUV(192.6690, -24.9798, -14.6187)
contains.

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Color

**YUV(192.6690, -24.9798,
-14.6187)**

Conversions

Conversions Part 1

Format	Color
Hex	B0D38E
RGB	176, 211, 142
RGB Percent	69%, 83%, 56%
CMY	0.3098, 0.1725, 0.4431
CMYK	0.17, 0.00, 0.33, 0.17
HSL	90°, 44%, 69%
HSV	90°, 33%, 83%
XYZ	46.0812, 57.7716, 34.3135
YIQ	192.6690, 1.2890, -28.8790

Conversions

Conversions Part 2

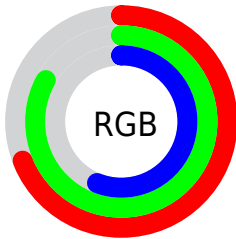
Format	Color
RYB	142, 211, 177
Decimal	11588494
CIELab	80.61, -23.64, 30.47
CIElCh	81, 38.562, 127.801
Yxy	57.7716, 0.3335, 0.4181
Android (android.graphics.Color)	4289778574 (0xFFB0D38E)
YUV	192.6690, -24.9798, -14.6187
Hunter-Lab	76.0077, -24.7940, 26.4390

Details

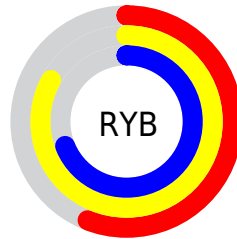
The YUV color **192.6690, -24.9798, -14.6187** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **160.3310, 24.9798, 14.6187**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.3970, -22.3807, -8.2412**, and **138.4240, -23.3800, -14.4038** is the 20% darker color. If you saturate the color by 10%, you get **186.9860, -32.5311, -19.2817**, and if you desaturate by 10%, it is **198.3520, -17.4285, -9.9557**.

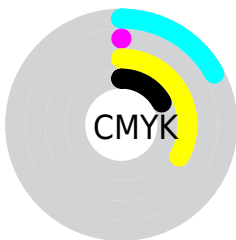
Distribution



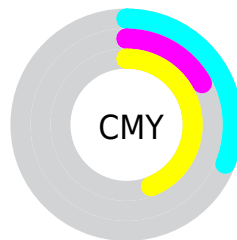
- Red (69%)
- Green (83%)
- Blue (56%)



- Red (56%)
- Yellow (83%)
- Blue (69%)



- Cyan (17%)
- Magenta (0%)
- Yellow (33%)
- Black (17%)



- Cyan (31%)
- Magenta (17%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 192.6690, -24.9798, -14.6187 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 192.6690, -24.9798, -14.6187 by changing the saturation by 10% instead.

■ 192.6690,
-24.9798, -14.6187

■ 192.6690,
-24.9798, -14.6187

■ 255.0000, 0.0000,
0.0000

■ 165.1960,
-24.2536, -14.2039

■ 241.3970,
-22.3807, -8.2412

■ 138.4240,
-23.3800, -14.4038

■ 251.4660,
-13.5407, 3.0993

■ 112.9510,
-22.6538, -13.9890

■ 254.7720, -0.8736,
0.2000

■ 88.0650, -22.2170,
-14.0890

■ 64.1790, -21.7802,
-14.1890

■ 40.6350, -20.0331,
-14.5889

■ 21.1320, -10.4181,

-18.5328

■ 2.3480, -1.1576,
-2.0592

■ 0.0000, 0.0000,
0.0000

■ 192.6690,
-24.9798, -14.6187

■ 192.6690,
-24.9798, -14.6187

■ 186.9860,
-32.5311, -19.2817

■ 198.3520,
-17.4285, -9.9557

■ 181.6020,
-40.2298, -23.3300

■ 203.7360, -9.7298,
-5.9075

■ 175.9190,
-47.7811, -27.9930

■ 209.4190, -2.1786,
-1.2445

■ 170.2360,
-55.3323, -32.6560

■ 215.1020, 5.3727,
3.4185

■ 164.5530,
-62.8836, -37.3190

■ 220.8990, 13.3608,
7.9816

■ 159.0550,
-71.0191, -41.2672

■ 224.6870, 14.9443,
13.4295

■ 154.9530,
-76.3918, -44.6858

■ 227.9760, 13.3228,
20.1920

■ 229.1720, 12.7332,
22.6512

Harmonies

Analogous

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



196.8640, -33.9500, 15.9053



192.6690, -24.9798, -14.6187



186.7540, -7.2737, -47.1423

Triad

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



192.6690, -24.9798, -14.6187



185.2190, 34.4020, -67.7211



199.0970, -3.4988, 49.0269

Complementary

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



192.6690, -24.9798, -14.6187



160.3310, 24.9798, 14.6187

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.



204.9510, 11.3632, 42.1390



192.6690, -24.9798, -14.6187



195.8050, 29.1831, -27.0160

Square

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



192.6690, -24.9798, -14.6187



176.5980, 32.7362, -93.4864



203.7220, 25.2801, 11.6448



198.7430, -20.0863, 49.3374

Rectangle

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



192.6690, -24.9798, -14.6187



181.6940, 7.0529, -69.0146



203.7220, 25.2801, 11.6448



201.0520, 1.4534, 47.3124

Sweetspot

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



192.6690, -24.9798, -14.6187



248.2630, -9.0037, -5.4927



183.1760, -20.2998, 24.4016



123.7840, -5.8095, -3.3186



0.0000, 0.0000, 0.0000



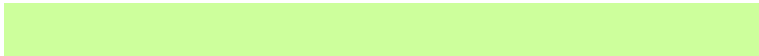
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



192.6690, -24.9798, -14.6187



228.7640, -35.8727, -20.8410



182.5030, -19.9680, -35.5211



101.9520, -3.9203, -2.5889



123.4330, -60.8525, -35.4597



30.0470, -14.8132, -8.8112

Inverse Universe

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



160.3310, 24.9798, 14.6187



182.2360, 35.8727, 20.8410



170.4970, 19.9680, 35.5211



96.7490, 4.0677, 1.9741



44.5670, 60.8525, 35.4597



10.9530, 14.8132, 8.8112

Previews

White Background



This preview shows how the YUV color 192.6690, -24.9798, -14.6187 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 192.6690, -24.9798, -14.6187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

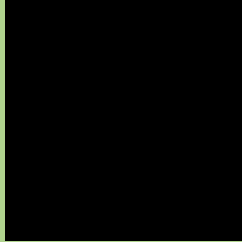
Any Text WCAG AA ✓ Pass

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 192.6690, -24.9798, -14.6187 Background



This preview shows how black text looks on a background with the YUV color 192.6690, -24.9798, -14.6187.



This preview shows how white text looks on a background with the YUV color 192.6690, -24.9798, -14.6187.

-14.6187.

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

192.6690, -24.9798, -14.6187

Protanopia

197.0150, -29.5874, 16.6498

Deuteranopia

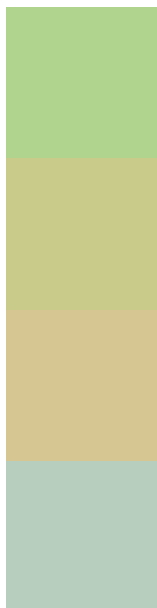
199.3250, -26.2892, 32.1640



Tritanopia

199.3390, 9.1999, -10.8213

Trichromacy



Original Color

192.6690, -24.9798, -14.6187

Protanomaly

195.1060, -27.6603, 5.1690

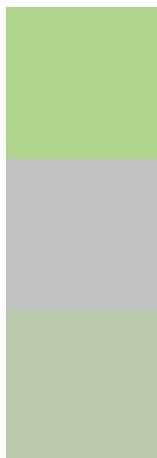
Deuteranomaly

196.7420, -25.5088, 15.1353

Tritanomaly

196.7120, -3.3090, -12.0254

Monochromacy



Original Color

192.6690, -24.9798, -14.6187

Achromatopsia

193.0000, 0.0000, 0.0000

Achromatomaly

193.1490, -9.4405, -5.3927

CSS Examples

Text

The CSS property to change the color of the text to YUV 192.6690, -24.9798, -14.6187 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(176, 211, 142)` looks like.

```
.text, #text, p{  
    color:rgb(176, 211, 142)  
}
```

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(176, 211, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 211, 142) }
```

Border

The CSS property to change the border of an element to YUV 192.6690, -24.9798, -14.6187 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(176, 211, 142) }
```


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

```
.border{ border-color:rgb(176, 211, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 211, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 211, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 211, 142);  
box-shadow:4px 4px 4px 4px rgb(176, 211,  
142) }
```

Background

The CSS property to change the background color of an element to YUV 192.6690, -24.9798, -14.6187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 211, 142) }
```

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

```
.background{ background-color: rgb(176,  
211, 142) }
```

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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