

Converting Colors

YUV(204.4450, -18.4604,
-5.6523)

Have a look what the booklet for
YUV(204.4450, -18.4604, -5.6523)
contains.

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Color

**YUV(204.4450, -18.4604,
-5.6523)**

Conversions

Conversions Part 1

Format	Color
Hex	C6D7A7
RGB	198, 215, 167
RGB Percent	78%, 84%, 65%
CMY	0.2235, 0.1569, 0.3451
CMYK	0.08, 0.00, 0.22, 0.16
HSL	81°, 38%, 75%
HSV	81°, 22%, 84%
XYZ	54.5642, 63.3967, 45.9202
YIQ	204.4450, 5.2760, -18.5320

Conversions

Conversions Part 2

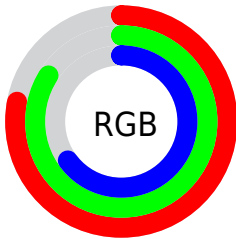
Format	Color
RYB	167, 215, 184
Decimal	13031335
CIELab	83.65, -13.98, 21.83
CIELCh	84, 25.918, 122.630
Yxy	63.3967, 0.3330, 0.3868
Android (android.graphics.Color)	4291221415 (0xFFC6D7A7)
YUV	204.4450, -18.4604, -5.6523
Hunter-Lab	79.6220, -17.0142, 21.5413

Details

The YUV color **204.4450, -18.4604, -5.6523** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **177.5550, 18.4604, 5.6523**, and the grayscale version is **205.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **251.2380, -14.4143, 3.2993**, and **150.0860, -17.2974, -5.3374** is the 20% darker color. If you saturate the color by 10%, you get **199.6590, -26.4539, -8.4709**, and if you desaturate by 10%, it is **209.3450, -10.0301, -2.9336**.

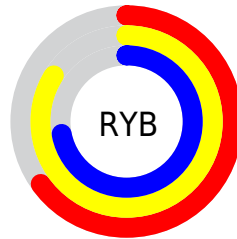
Distribution



Red (78%)

Green (84%)

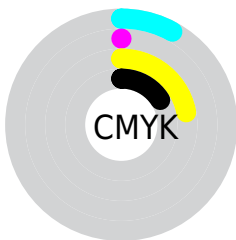
Blue (65%)



Red (65%)

Yellow (84%)

Blue (72%)

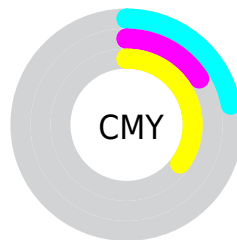


Cyan (8%)

Magenta (0%)

Yellow (22%)

Black (16%)



Cyan (22%)

Magenta (16%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 204.4450, -18.4604, -5.6523 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 204.4450, -18.4604, -5.6523 by changing the saturation by 10% instead.

■ 204.4450,
-18.4604, -5.6523

■ 204.4450,
-18.4604, -5.6523

■ 255.0000, 0.0000,
0.0000

■ 176.8580,
-18.1710, -5.1375

■ 251.2380,
-14.4143, 3.2993

■ 150.0860,
-17.2974, -5.3374

■ 254.5440, -1.7472,
0.3999

■ 124.2000,
-16.8606, -5.4374

■ 99.3140, -16.4238,
-5.5374

■ 74.9550, -15.2608,
-5.2225

■ 52.0690, -14.8240,
-5.3225

■ 30.6670, -15.1188,

-4.0930

■ 11.7400, -5.7878,
-10.2960

■ 0.0000, 0.0000,
0.0000

■ 204.4450,
-18.4604, -5.6523

■ 204.4450,
-18.4604, -5.6523

■ 199.6590,
-26.4539, -8.4709

■ 209.3450,
-10.0301, -2.9336

■ 195.0580,
-35.0316, -10.5749

■ 213.8320, -1.8892,
-0.7297

■ 190.2720,
-43.0251, -13.3935

■ 218.7320, 6.5411,
1.9890

■ 185.6710,
-51.6028, -15.4975

■ 223.2190, 14.6820,
4.1929

■ 180.8850,
-59.5963, -18.3161

■ 225.8390, 14.3764,
8.9112

■ 175.9850,
-68.0266, -21.0348

■ 228.2310, 13.1971,
13.8294

■ 171.4980,
-76.1675, -23.2387

■ 230.3240, 12.1653,
18.1329

■ 167.7660,
-82.7086, -25.2278

■ 231.5200, 11.5756,
20.5920

Harmonies

Analogous

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



207.6110, -23.4722, 15.2502



204.4450, -18.4604, -5.6523



201.0600, -7.9176, -27.2396

Triad

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



204.4450, -18.4604, -5.6523



201.7400, 24.2852, -42.7450



211.9600, -2.4453, 37.7461

Complementary

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



204.4450, -18.4604, -5.6523



177.5550, 18.4604, 5.6523

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.



212.5700, 9.0860, 25.8101



204.4450, -18.4604, -5.6523



206.7580, 23.7833, -21.7128

Square

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



204.4450, -18.4604, -5.6523



197.9640, 17.7657, -51.7114



211.3590, 19.0500, 3.1932



210.3980, -13.5072, 39.1160

Rectangle

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



204.4450, -18.4604, -5.6523



199.2740, 0.8509, -39.7053



211.3590, 19.0500, 3.1932



212.9750, 1.4913, 35.1019

Sweetspot

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



204.4450, -18.4604, -5.6523



251.1540, -6.9779, -1.8891



191.3310, -11.9952, 20.7577



125.5500, -4.2151, -1.3593



0.0000, 0.0000, 0.0000



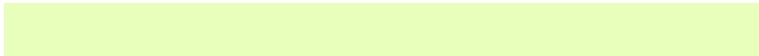
128.0000, 0.0000, 0.0000

Same Dimension

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



204.4450, -18.4604, -5.6523



239.9580, -26.6013, -7.8562



197.2690, -14.9226, -20.4069



104.5500, -4.2151, -1.3593



133.2670, -65.7006, -20.4052



33.6130, -16.5712, -4.9226

Inverse Universe

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



177.5550, 18.4604, 5.6523



201.3410, 26.4539, 8.4709



184.7310, 14.9226, 20.4069



98.4500, 4.2152, 1.3594



37.7330, 65.7006, 20.4052



9.3870, 16.5712, 4.9226

Previews

White Background



This preview shows how the YUV color 204.4450, -18.4604, -5.6523 looks on a white background.

Color Contrast Check

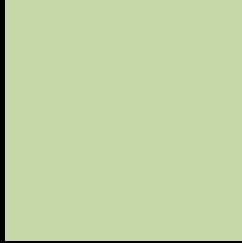
Large Text (above 18pt) WCAG AA × Fail

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 204.4450, -18.4604, -5.6523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

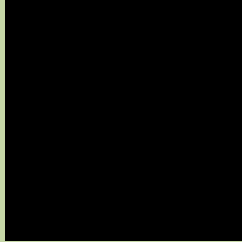
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 204.4450, -18.4604, -5.6523

Background



This preview shows how black text looks on a background with the YUV color 204.4450, -18.4604, -5.6523.



This preview shows how white text looks on a background with the YUV color 204.4450, -18.4604, -5.6523.

-5.6523.

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

204.4450, -18.4604, -5.6523

Protanopia

207.1700, -21.2828, 13.0059

Deuteranopia

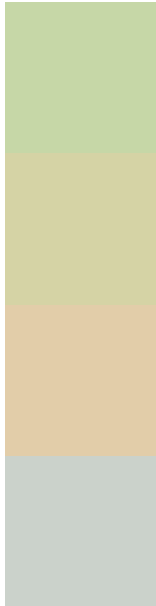
209.1380, -19.2950, 28.8200



Tritanopia

208.6390, 7.5730, -2.3144

Trichromacy



Original Color

204.4450, -18.4604, -5.6523

Protanomaly

206.3540, -20.3875, 5.8285

Deuteranomaly

207.1750, -18.8203, 16.5095

Tritanomaly

207.1090, -2.0257, -3.6036

Monochromacy



Original Color

204.4450, -18.4604, -5.6523

Achromatopsia

204.0000, 0.0000, 0.0000

Achromatomaly

204.2680, -6.5411, -1.9890

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.4450, -18.4604, -5.6523 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(198, 215, 167)` looks like.

```
.text, #text, p{  
    color:rgb(198, 215, 167)  
}
```

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(198, 215, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 215, 167) }
```

Border

The CSS property to change the border of an element to YUV 204.4450, -18.4604, -5.6523 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(198, 215, 167) }
```


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

```
.border{ border-color:rgb(198, 215, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 215, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 215, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 215, 167);  
box-shadow:4px 4px 4px 4px rgb(198, 215,  
167) }
```

Background

The CSS property to change the background color of an element to YUV 204.4450, -18.4604, -5.6523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 215, 167) }
```

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

```
.background{ background-color: rgb(198,  
215, 167) }
```

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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