

Converting Colors

YUV(204.5580, -33.3061,
-3.9974)

Have a look what the booklet for
YUV(204.5580, -33.3061, -3.9974)
contains.

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Color

**YUV(204.5580, -33.3061,
-3.9974)**

Conversions

Conversions Part 1

Format	Color
Hex	C8DC89
RGB	200, 220, 137
RGB Percent	78%, 86%, 54%
CMY	0.2157, 0.1373, 0.4627
CMYK	0.09, 0.00, 0.38, 0.14
HSL	74°, 54%, 70%
HSV	74°, 38%, 86%
XYZ	53.9280, 65.2719, 33.4233
YIQ	204.5580, 14.7230, -30.0530

Conversions

Conversions Part 2

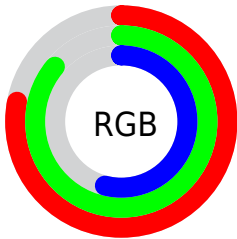
Format	Color
RYB	137, 220, 157
Decimal	13163657
CIELab	84.62, -19.79, 38.57
CIELCh	85, 43.355, 117.161
Yxy	65.2719, 0.3533, 0.4277
Android (android.graphics.Color)	4291353737 (0xFFC8DC89)
YUV	204.5580, -33.3061, -3.9974
Hunter-Lab	80.7910, -22.2356, 32.0254

Details

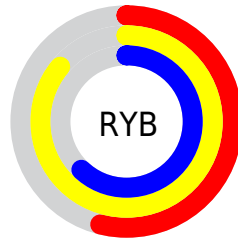
The YUV color $204.5580, -33.3061, -3.9974$ is a light color, and the websafe version is hex $CCCC66$. A complement of this color would be $152.4420, 33.3061, 3.9974$, and the grayscale version is $205.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $247.7040, -27.9551, 6.3986$, and $150.0140, -31.5589, -4.3973$ is the 20% darker color. If you saturate the color by 10%, you get $200.5550, -42.1786, -4.8717$, and if you desaturate by 10%, it is $208.5610, -24.4336, -3.1230$.

Distribution



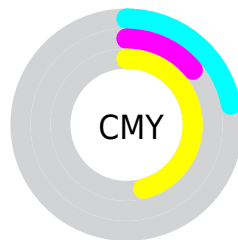
- Red (78%)
- Green (86%)
- Blue (54%)



- Red (54%)
- Yellow (86%)
- Blue (62%)



- Cyan (9%)
- Magenta (0%)
- Yellow (38%)
- Black (14%)



- Cyan (22%)
- Magenta (14%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 204.5580, -33.3061, -3.9974 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 204.5580, -33.3061, -3.9974 by changing the saturation by 10% instead.

■ 204.5580,
-33.3061, -3.9974

■ 204.5580,
-33.3061, -3.9974

255.0000, 0.0000,
0.0000

■ 176.7860,
-32.4325, -4.1973

■ 247.7040,
-27.9551, 6.3986

■ 150.0140,
-31.5589, -4.3973

■ 250.8960,
-15.7247, 3.5992

■ 123.8290,
-30.9747, -5.1120

■ 254.2020, -3.0576,
0.6998

■ 98.3560, -30.2485,
-4.6972

■ 73.4160, -31.2641,
-5.6268

■ 51.3110, -25.2963,
-6.4117

■ 30.9220, -15.2445,

-10.4556

■ 14.6750, -7.2348,
-12.8700

■ 0.0000, 0.0000,
0.0000

■ 204.5580,
-33.3061, -3.9974

■ 204.5580,
-33.3061, -3.9974

■ 200.5550,
-42.1786, -4.8717

■ 208.5610,
-24.4336, -3.1230

■ 196.2530,
-50.9037, -6.3609

■ 212.8630,
-15.7085, -1.6339

■ 192.2500,
-59.7762, -7.2352

■ 216.8660, -6.8359,
-0.7595

■ 188.2470,
-68.6488, -8.1096

■ 220.8690, 2.0366,
0.1149

■ 183.9450,
-77.3739, -9.5988

■ 225.1710, 10.7617,
1.6040

■ 179.9420,
-86.2464, -10.4731

■ 227.5780, 13.5190,
3.8781

■ 179.0730,
-88.2830, -10.5880

■ 229.0730, 12.7820,
6.9520

■ 230.5680, 12.0450,
10.0259

■ 232.3620, 11.1605,
13.7145

Harmonies

Analogous

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



208.5730, -39.2295, 29.3155



204.5580, -33.3061, -3.9974



198.6810, -16.6047, -40.9392

Triad

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



204.5580, -33.3061, -3.9974



184.7440, 34.6362, -96.2455



206.6430, 5.1060, 42.4091

Complementary

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



204.5580, -33.3061, -3.9974



152.4420, 33.3061, 3.9974

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.



215.6710, 19.3892, 34.4915



204.5580, -33.3061, -3.9974



199.5160, 27.3536, -46.9335

Square

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



204.5580, -33.3061, -3.9974



178.0960, 33.9697, -115.8482



210.4340, 21.9710, -0.3806



203.1430, -13.3815, 45.4786

Rectangle

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



204.5580, -33.3061, -3.9974



192.7560, -0.3727, -67.3150



210.4340, 21.9710, -0.3806



208.8260, 10.9318, 40.4946

Sweetspot

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



204.5580, -33.3061, -3.9974



249.7150, -11.1985, -1.5041



172.9700, -17.7332, 41.2453



124.8660, -6.8359, -0.7595



0.0000, 0.0000, 0.0000



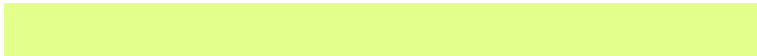
128.0000, 0.0000, 0.0000

Same Dimension

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



204.5580, -33.3061, -3.9974



233.5180, -46.1044, -5.7163



192.2990, -27.2624, -29.2032



107.8490, -4.3626, -0.7446



141.0190, -69.5224, -7.9097



37.4670, -18.4712, -2.1636

Inverse Universe

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



152.4420, 33.3061, 3.9974



161.4820, 46.1044, 5.7163



164.7010, 27.2624, 29.2032



100.8520, 4.5100, 0.1298



32.2800, 69.3750, 8.5244



8.5330, 18.4712, 2.1636

Previews

White Background



This preview shows how the YUV color 204.5580, -33.3061, -3.9974 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 204.5580, -33.3061, -3.9974 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 204.5580, -33.3061, -3.9974 Background



This preview shows how black text looks on a background with the YUV color 204.5580, -33.3061, -3.9974.



This preview shows how white text looks on a background with the YUV color 204.5580, -33.3061, -3.9974.

-3.9974.

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

204.5580, -33.3061, -3.9974

Protanopia

207.7890, -36.8710, 19.4790

Deuteranopia

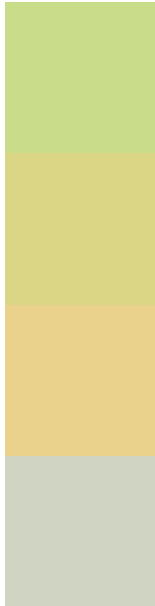
210.2950, -34.1624, 37.4523



Tritanopia

211.5360, 7.1308, -0.4701

Trichromacy



Original Color

204.5580, -33.3061, -3.9974

Protanomaly

206.3750, -35.6809, 11.0721

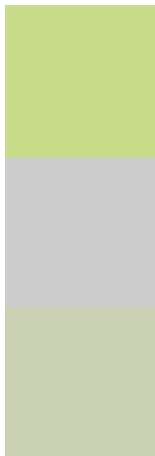
Deuteranomaly

208.6090, -33.8242, 22.2679

Tritanomaly

209.0400, -7.4147, -1.7891

Monochromacy



Original Color

204.5580, -33.3061, -3.9974

Achromatopsia

205.0000, 0.0000, 0.0000

Achromatomaly

204.4870, -12.0721, -1.3041

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.5580, -33.3061, -3.9974 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(200, 220, 137)` looks like.

```
.text, #text, p{  
    color:rgb(200, 220, 137)  
}
```

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(200, 220, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 220, 137) }
```

Border

The CSS property to change the border of an element to YUV 204.5580, -33.3061, -3.9974 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(200, 220, 137) }
```


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

```
.border{ border-color:rgb(200, 220, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 220, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 220, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 220, 137);  
box-shadow:4px 4px 4px 4px rgb(200, 220,  
137) }
```

Background

The CSS property to change the background color of an element to YUV 204.5580, -33.3061, -3.9974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 220, 137) }
```

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

```
.background{ background-color: rgb(200,  
220, 137) }
```

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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