

Converting Colors

YUV(204.7500, -34.3867,
16.0053)

Have a look what the booklet for
YUV(204.7500, -34.3867, 16.0053)
contains.

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Color

**YUV(204.7500, -34.3867,
16.0053)**

Conversions

Conversions Part 1

Format	Color
Hex	DFD187
RGB	223, 209, 135
RGB Percent	87%, 82%, 53%
CMY	0.1255, 0.1804, 0.4706
CMYK	0.00, 0.06, 0.39, 0.13
HSL	50°, 58%, 70%
HSV	50°, 39%, 87%
XYZ	57.6051, 63.0382, 32.0531
YIQ	204.7500, 32.0980, -20.0460

Conversions

Conversions Part 2

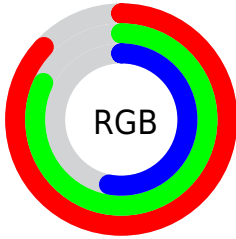
Format	Color
RYB	152, 223, 135
Decimal	14668167
CIELab	83.46, -5.58, 38.44
CIELCh	83, 38.845, 98.265
Yxy	63.0382, 0.3773, 0.4128
Android (android.graphics.Color)	4292858247 (0xFFDFD187)
YUV	204.7500, -34.3867, 16.0053
Hunter-Lab	79.3966, -9.4359, 31.6417

Details

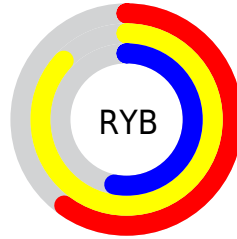
The YUV color $204.7500, -34.3867, 16.0053$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $153.2500, 34.3867, -16.0053$, and the grayscale version is $205.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $247.4760, -28.8287, 6.5985$, and $150.1950, -32.6341, 13.8610$ is the 20% darker color. If you saturate the color by 10%, you get $199.8940, -42.8387, 20.2640$, and if you desaturate by 10%, it is $209.6060, -25.9348, 11.7465$.

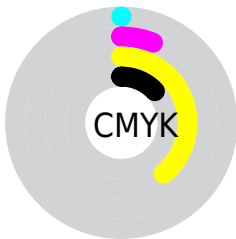
Distribution



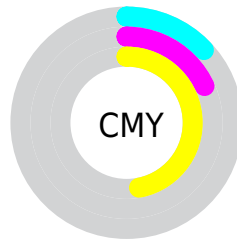
- Red (87%)
- Green (82%)
- Blue (53%)



- Red (60%)
- Yellow (87%)
- Blue (53%)



- Cyan (0%)
- Magenta (6%)
- Yellow (39%)
- Black (13%)



- Cyan (13%)
- Magenta (18%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 204.7500, -34.3867, 16.0053 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 204.7500, -34.3867, 16.0053 by changing the saturation by 10% instead.

■ 204.7500,
-34.3867, 16.0053

■ 204.7500,
-34.3867, 16.0053

■ 255.0000, 0.0000,
0.0000

■ 176.6790,
-33.3657, 15.1905

■ 247.4760,
-28.8287, 6.5985

■ 150.1950,
-32.6341, 13.8610

■ 250.6680,
-16.5983, 3.7992

■ 124.0100,
-32.0499, 13.1462

■ 253.9740, -3.9312,
0.8998

■ 98.5260, -31.3183,
11.8167

■ 73.9990, -32.0445,
11.4019

■ 51.9970, -25.6345,
8.7726

■ 32.1950, -15.8721,

4.2140

■ 10.8870, -5.3673,
-5.1629

■ 0.0000, 0.0000,
0.0000

■ 204.7500,
-34.3867, 16.0053

■ 204.7500,
-34.3867, 16.0053

■ 199.8940,
-42.8387, 20.2640

■ 209.6060,
-25.9348, 11.7465

■ 195.5110,
-52.0169, 24.1079

■ 213.9890,
-16.7566, 7.9026

■ 190.6550,
-60.4689, 28.3666

■ 218.8450, -8.3046,
3.6439

■ 186.3860,
-69.2103, 32.1105

■ 223.1140, 0.4368,
-0.1000

■ 181.5300,
-77.6623, 36.3692

■ 228.0840, 9.3256,
-4.4587

■ 177.1470,
-86.8405, 40.2131

■ 230.7570, 11.9518,
-6.8029

■ 177.0330,
-87.2773, 40.3131

■ 233.1050, 10.7942,
-8.8621

■ 234.8660, 9.9261,
-10.4065

■ 237.2140, 8.7685,
-12.4657

Harmonies

Analogous

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



207.9580, -33.0103, 41.2558



204.7500, -34.3867, 16.0053



200.2560, -25.2692, -15.1335

Triad

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



204.7500, -34.3867, 16.0053



185.3100, 32.8782, -92.3569



211.1570, 12.2476, 38.4503

Complementary

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



204.7500, -34.3867, 16.0053



153.2500, 34.3867, -16.0053

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.



211.1090, 21.6383, 13.0594



204.7500, -34.3867, 16.0053



192.6060, 30.7602, -66.3065

Square

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



204.7500, -34.3867, 16.0053



187.5770, 14.5055, -79.4360



203.1920, 25.5413, -25.6014



204.5910, -2.7564, 44.2087

Rectangle

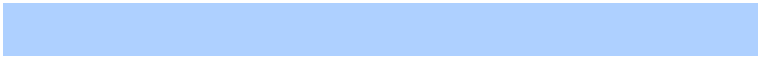
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



204.7500, -34.3867, 16.0053



196.6860, -14.1422, -37.4356



203.1920, 25.5413, -25.6014



213.2750, 16.6264, 33.9618

Sweetspot

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



204.7500, -34.3867, 16.0053



248.5310, -12.0938, 5.6733



163.0220, -6.4198, 52.6007



124.1870, -6.9942, 3.3440



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.



204.7500, -34.3867, 16.0053



230.1670, -46.9173, 21.7785



204.2970, -34.1634, -9.0305



109.5720, -4.2260, 2.1294



139.5000, -68.7735, 32.0105



38.4190, -18.9406, 8.4025

Inverse Universe

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



153.2500, 34.3867, -16.0053



159.8330, 46.9173, -21.7785



153.7030, 34.1634, 9.0305



103.4280, 4.2260, -2.1294



36.5000, 68.7735, -32.0105



10.1680, 18.6512, -8.9173

Previews

White Background



This preview shows how the YUV color 204.7500, -34.3867, 16.0053 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 204.7500, -34.3867, 16.0053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

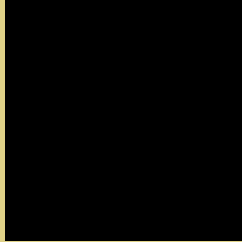
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 204.7500, -34.3867, 16.0053

Background



This preview shows how black text looks on a background with the YUV color 204.7500, -34.3867, 16.0053.



This preview shows how white text looks on a background with the YUV color 204.7500, -34.3867, 16.0053.

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

204.7500, -34.3867, 16.0053

Protanopia

205.0600, -34.5396, 18.3644

Deuteranopia

207.1810, -34.5992, 37.5523



Tritanopia

210.6910, 2.1243, 18.6880

Trichromacy



Original Color

204.7500, -34.3867, 16.0053

Protanomaly

204.7610, -34.3922, 17.7496

Deuteranomaly

206.4250, -34.7195, 29.4453

Tritanomaly

208.8360, -11.2581, 17.6838

Monochromacy



Original Color

204.7500, -34.3867, 16.0053

Achromatopsia

205.0000, 0.0000, 0.0000

Achromatomaly

204.8300, -12.2412, 6.2881

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.7500, -34.3867, 16.0053 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(223, 209, 135)` looks like.

```
.text, #text, p{  
    color:rgb(223, 209, 135)  
}
```

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(223, 209, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 209, 135) }
```

Border

The CSS property to change the border of an element to YUV 204.7500, -34.3867, 16.0053 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(223, 209, 135) }
```


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

```
.border{ border-color:rgb(223, 209, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 209, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 209, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 209, 135);  
box-shadow:4px 4px 4px 4px rgb(223, 209,  
135) }
```

Background

The CSS property to change the background color of an element to YUV 204.7500, -34.3867, 16.0053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 209, 135) }
```

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

```
.background{ background-color: rgb(223,  
209, 135) }
```

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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