

Converting Colors

YUV(204.5760, -37.2590,
3.8798)

Have a look what the booklet for
YUV(204.5760, -37.2590, 3.8798)
contains.

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Color

**YUV(204.5760, -37.2590,
3.8798)**

Conversions

Conversions Part 1

Format	Color
Hex	D1D981
RGB	209, 217, 129
RGB Percent	82%, 85%, 51%
CMY	0.1804, 0.1490, 0.4941
CMYK	0.04, 0.00, 0.41, 0.15
HSL	65°, 54%, 68%
HSV	65°, 41%, 85%
XYZ	55.0698, 64.7660, 30.3675
YIQ	204.5760, 23.4800, -29.0640

Conversions

Conversions Part 2

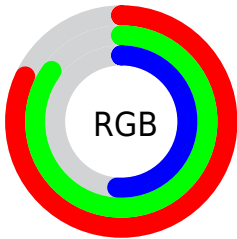
Format	Color
RYB	129, 217, 137
Decimal	13752705
CIELab	84.36, -15.77, 42.37
CIELCh	84, 45.207, 110.412
Yxy	64.7660, 0.3666, 0.4312
Android (android.graphics.Color)	4291942785 (0xFFD1D981)
YUV	204.5760, -37.2590, 3.8798
Hunter-Lab	80.4773, -18.6896, 33.9615

Details

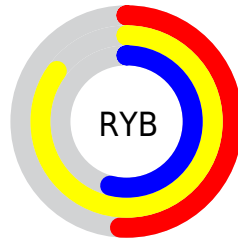
The YUV color $204.5760, -37.2590, 3.8798$ is a light color, and the websafe version is hex $CCCC66$. A complement of this color would be $141.4240, 37.2590, -3.8798$, and the grayscale version is $205.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $246.7920, -31.4495, 7.1984$, and $149.7330, -35.3644, 2.8652$ is the 20% darker color. If you saturate the color by 10%, you get $201.4700, -46.5737, 4.8498$, and if you desaturate by 10%, it is $207.6820, -27.9442, 2.9099$.

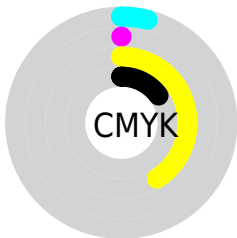
Distribution



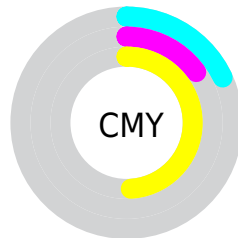
- Red (82%)
- Green (85%)
- Blue (51%)



- Red (51%)
- Yellow (85%)
- Blue (54%)



- Cyan (4%)
- Magenta (0%)
- Yellow (41%)
- Black (15%)



- Cyan (18%)
- Magenta (15%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 204.5760, -37.2590, 3.8798 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 204.5760, -37.2590, 3.8798 by changing the saturation by 10% instead.

■ 204.5760,
-37.2590, 3.8798

■ 204.5760,
-37.2590, 3.8798

255.0000, 0.0000,
0.0000

■ 176.8040,
-36.3854, 3.6799

■ 246.7920,
-31.4495, 7.1984

■ 149.7330,
-35.3644, 2.8652

■ 249.9840,
-19.2191, 4.3990

■ 123.5480,
-34.7802, 2.1504

■ 253.2900, -6.5520,
1.4997

■ 98.1350, -35.0696,
1.6356

■ 72.6080, -35.7957,
1.2208

■ 52.2300, -25.7494,
-1.0787

■ 31.5420, -15.5502,

-5.7373

■ 13.5010, -6.6560,
-11.8404

■ 0.0000, 0.0000,
0.0000

■ 204.5760,
-37.2590, 3.8798

■ 204.5760,
-37.2590, 3.8798

■ 201.4700,
-46.5737, 4.8498

■ 207.6820,
-27.9442, 2.9099

■ 198.4780,
-55.4517, 5.7198

■ 210.6740,
-19.0663, 2.0399

■ 195.3720,
-64.7664, 6.6898

■ 213.7800, -9.7515,
1.0699

■ 192.2660,
-74.0811, 7.6597

■ 216.8860, -0.4368,
0.1000

■ 189.1600,
-83.3959, 8.6297

■ 219.8780, 8.4411,
-0.7700

■ 186.2820,
-91.8370, 9.3997

■ 222.5280, 16.0087,
-1.3401

■ 223.1260, 15.7139,
-0.1105

■ 223.7240, 15.4191,
1.1191

■ 224.3220, 15.1243,
2.3486

Harmonies

Analogous

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



208.5740, -40.7090, 37.2076



204.5760, -37.2590, 3.8798



198.7590, -21.5732, -33.9916

Triad

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



204.5760, -37.2590, 3.8798



173.9580, 39.9537, -121.8662



206.4950, 9.6160, 42.5389

Complementary

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



204.5760, -37.2590, 3.8798



141.4240, 37.2590, -3.8798

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.



215.0620, 19.6894, 31.5176



204.5760, -37.2590, 3.8798



194.4000, 29.8758, -62.6178

Square

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



204.5760, -37.2590, 3.8798



172.3890, 32.8392, -126.6292



207.7100, 23.3140, -11.1467



201.5930, -9.1663, 46.8379

Rectangle

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



204.5760, -37.2590, 3.8798



192.8940, -6.3567, -61.2970



207.7100, 23.3140, -11.1467



209.8520, 14.8630, 39.5948

Sweetspot

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



204.5760, -37.2590, 3.8798



250.5690, -13.0985, 1.2550



159.4210, -14.9976, 50.4968



125.3500, -7.5676, 0.5700



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.



204.5760, -37.2590, 3.8798



237.4610, -52.9783, 5.7347



191.7190, -30.9205, -22.5556



108.4470, -4.6574, 0.4850



148.7930, -73.3549, 8.0745



39.5600, -19.5031, 2.1399

Inverse Universe

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



141.4240, 37.2590, -3.8798



147.5390, 52.9783, -5.7347



154.2810, 30.9205, 22.5556



100.5530, 4.6574, -0.4850



24.5060, 73.2075, -7.4598



6.4400, 19.5031, -2.1399

Previews

White Background



This preview shows how the YUV color 204.5760, -37.2590, 3.8798 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 204.5760, -37.2590, 3.8798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

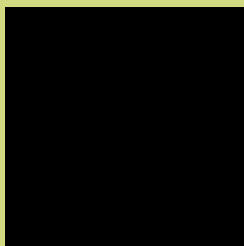
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

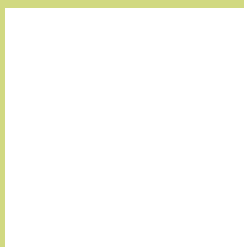
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 204.5760, -37.2590, 3.8798

Background



This preview shows how black text looks on a background with the YUV color 204.5760, -37.2590, 3.8798.



This preview shows how white text looks on a background with the YUV color 204.5760, -37.2590, 3.8798.

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

204.5760, -37.2590, 3.8798

Protanopia

206.4040, -39.6392, 20.6937

Deuteranopia

209.0950, -37.5148, 39.3817



Tritanopia

212.0100, 4.9251, 7.0072

Trichromacy



Original Color

204.5760, -37.2590, 3.8798

Protanomaly

205.8870, -38.8913, 14.1311

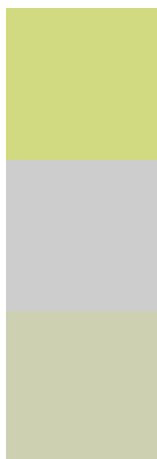
Deuteranomaly

207.7190, -37.3295, 26.5564

Tritanomaly

209.2860, -10.4940, 5.8882

Monochromacy



Original Color

204.5760, -37.2590, 3.8798

Achromatopsia

205.0000, 0.0000, 0.0000

Achromatomaly

204.4550, -13.5353, 1.3550

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.5760, -37.2590, 3.8798 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(209, 217, 129)` looks like.

```
.text, #text, p{  
    color:rgb(209, 217, 129)  
}
```

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(209, 217, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 217, 129) }
```

Border

The CSS property to change the border of an element to YUV 204.5760, -37.2590, 3.8798 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(209, 217, 129) }
```


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

```
.border{ border-color:rgb(209, 217, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 217, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 217, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 217, 129);  
box-shadow:4px 4px 4px 4px rgb(209, 217,  
129) }
```

Background

The CSS property to change the background color of an element to YUV 204.5760, -37.2590, 3.8798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 217, 129) }
```

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

```
.background{ background-color: rgb(209,  
217, 129) }
```

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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