

Converting Colors

YUV(200.4050, -34.7097,
-20.5262)

Have a look what the booklet for
YUV(200.4050, -34.7097, -20.5262)
contains.

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Color

**YUV(200.4050, -34.7097,
-20.5262)**

Conversions

Conversions Part 1

Format	Color
Hex	B1E282
RGB	177, 226, 130
RGB Percent	69%, 89%, 51%
CMY	0.3059, 0.1137, 0.4902
CMYK	0.22, 0.00, 0.42, 0.11
HSL	91°, 62%, 70%
HSV	91°, 42%, 89%
XYZ	49.3571, 65.3515, 31.1318
YIQ	200.4050, 1.6120, -40.2440

Conversions

Conversions Part 2

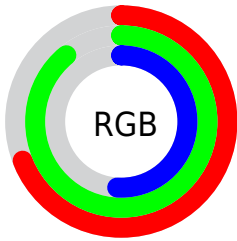
Format	Color
RYB	130, 226, 179
Decimal	11657858
CIELab	84.66, -32.01, 41.80
CIElCh	85, 52.649, 127.443
Yxy	65.3515, 0.3384, 0.4481
Android (android.graphics.Color)	4289847938 (0xFFB1E282)
YUV	200.4050, -34.7097, -20.5262
Hunter-Lab	80.8403, -32.4872, 33.7555

Details

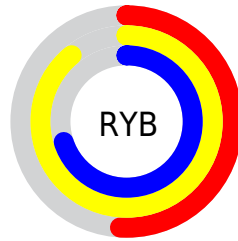
The YUV color $200.4050, -34.7097, -20.5262$ is a light color, and the websafe version is hex $99CC66$. A complement of this color would be $155.5950, 34.7097, 20.5262$, and the grayscale version is $201.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $240.6270, -27.9171, -5.8119$, and $145.1600, -33.1099, -20.3113$ is the 20% darker color. If you saturate the color by 10%, you get $194.1950, -42.9871, -25.6040$, and if you desaturate by 10%, it is $206.6150, -26.4322, -15.4484$.

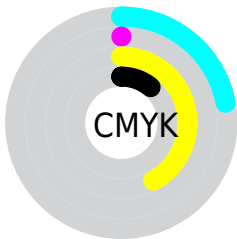
Distribution



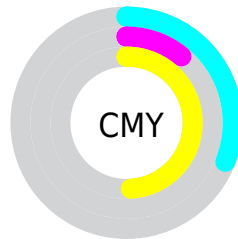
- Red (69%)
- Green (89%)
- Blue (51%)



- Red (51%)
- Yellow (89%)
- Blue (70%)



- Cyan (22%)
- Magenta (0%)
- Yellow (42%)
- Black (11%)



- Cyan (31%)
- Magenta (11%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 200.4050, -34.7097, -20.5262 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 200.4050, -34.7097, -20.5262 by changing the saturation by 10% instead.

■ 200.4050,
-34.7097, -20.5262

■ 200.4050,
-34.7097, -20.5262

255.0000, 0.0000,
0.0000

■ 172.6330,
-33.8361, -20.7261

■ 240.6270,
-27.9171, -5.8119

■ 145.1600,
-33.1099, -20.3113

■ 250.0980,
-18.7823, 4.2991

■ 119.2740,
-32.6731, -20.4113

■ 253.4040, -6.1152,
1.3997

■ 93.3880, -32.2363,
-20.5113

■ 67.7470, -33.3993,
-20.8261

■ 45.8850, -22.6213,
-24.4551

■ 27.0020, -13.3120,

-23.6808

■ 14.6750, -7.2348,
-12.8700

■ 0.0000, 0.0000,
0.0000

■ 200.4050,
-34.7097, -20.5262

■ 200.4050,
-34.7097, -20.5262

■ 194.1950,
-42.9871, -25.6040

■ 206.6150,
-26.4322, -15.4484

■ 188.3980,
-50.9752, -30.1670


■ 212.4120,
-18.4441, -10.8853


■ 182.1880,
-59.2527, -35.2449


■ 218.6220,
-10.1666, -5.8075


■ 176.3910,
-67.2408, -39.8079

■ 224.4190, -2.1786,
-1.2445

 170.1810,
-75.5182, -44.8857

 230.6290, 6.0989,
3.8334

 165.8510,
-81.7645, -48.1043

 235.2860, 9.7190,
9.3962

 237.9770, 8.3923,
14.9292

Harmonies

Analogous

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



206.3410, -47.4961, 20.7489



200.4050, -34.7097, -20.5262



190.0410, -9.3872, -69.3190

Triad

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



200.4050, -34.7097, -20.5262



162.3190, 45.6917, -142.3538



199.5360, 0.7218, 48.6419

Complementary

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



200.4050, -34.7097, -20.5262



155.5950, 34.7097, 20.5262

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.



208.7580, 20.8253, 40.5542



200.4050, -34.7097, -20.5262



199.5600, 27.3319, -39.9561

Square

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



200.4050, -34.7097, -20.5262



167.0150, 43.3766, -146.4722



212.3160, 21.0432, 17.2629



198.7600, -22.5597, 49.3225

Rectangle

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



200.4050, -34.7097, -20.5262



174.4490, 15.0616, -117.9118



212.3160, 21.0432, 17.2629



201.4740, 8.1473, 46.9423

Sweetspot

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



200.4050, -34.7097, -20.5262



246.1550, -11.9084, -7.1519



186.8800, -28.0418, 34.3082



122.3170, -7.5513, -4.6630



0.0000, 0.0000, 0.0000



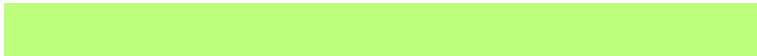
128.0000, 0.0000, 0.0000

Same Dimension

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



200.4050, -34.7097, -20.5262



220.4460, -47.0549, -27.5781



186.3520, -27.7815, -49.4207



108.9520, -3.9203, -2.5889



129.0260, -63.6098, -37.7338



35.3520, -17.4285, -9.9557

Inverse Universe

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



155.5950, 34.7097, 20.5262



159.5540, 47.0549, 27.5781



169.6480, 27.7815, 49.4207



104.0480, 3.9203, 2.5889



46.9740, 63.6098, 37.7338



12.9470, 17.2811, 10.5705

Previews

White Background



This preview shows how the YUV color 200.4050, -34.7097, -20.5262 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 200.4050, -34.7097, -20.5262 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

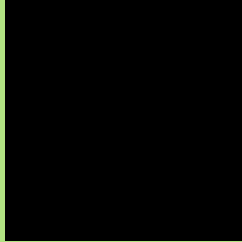
Any Text WCAG AA ✓ Pass

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 200.4050, -34.7097, -20.5262 Background



This preview shows how black text looks on a background with the YUV color 200.4050, -34.7097, -20.5262.



This preview shows how white text looks on a background with the YUV color 200.4050, -34.7097, -20.5262.

-20.5262.

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

200.4050, -34.7097, -20.5262

Protanopia

207.0620, -40.9496, 20.9936

Deuteranopia

209.4370, -36.2044, 39.0818



Tritanopia

209.3600, 10.6685, -15.2247

Trichromacy



Original Color

200.4050, -34.7097, -20.5262

Protanomaly

204.2450, -38.5748, 5.9241

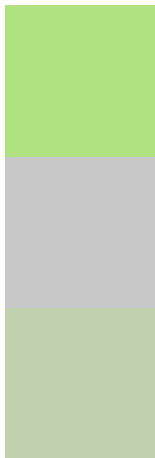
Deuteranomaly

206.1200, -35.5552, 17.4348

Tritanomaly

205.9950, -5.9135, -16.6586

Monochromacy



Original Color

200.4050, -34.7097, -20.5262

Achromatopsia

200.0000, 0.0000, 0.0000

Achromatomaly

200.0410, -12.3452, -7.0520

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.4050, -34.7097, -20.5262 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(177, 226, 130)` looks like.

```
.text, #text, p{  
    color:rgb(177, 226, 130)  
}
```

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(177, 226, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 226, 130) }
```

Border

The CSS property to change the border of an element to YUV 200.4050, -34.7097, -20.5262 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(177, 226, 130) }
```


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

```
.border{ border-color:rgb(177, 226, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 226, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 226, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 226, 130);  
box-shadow:4px 4px 4px 4px rgb(177, 226,  
130) }
```

Background

The CSS property to change the background color of an element to YUV 200.4050, -34.7097, -20.5262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 226, 130) }
```

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

```
.background{ background-color: rgb(177,  
226, 130) }
```

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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