

Converting Colors

YUV(191.3970, -32.7337,
-47.7062)

Have a look what the booklet for
YUV(191.3970, -32.7337, -47.7062)
contains.

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Color

**YUV(191.3970, -32.7337,
-47.7062)**

Conversions

Conversions Part 1	
Format	Color
Hex	89E87D
RGB	137, 232, 125
RGB Percent	54%, 91%, 49%
CMY	0.4627, 0.0902, 0.5098
CMYK	0.41, 0.00, 0.46, 0.09
HSL	113°, 70%, 70%
HSV	113°, 46%, 91%
XYZ	42.8748, 64.5123, 29.5944
YIQ	191.3970, -22.2730, -53.4170

Conversions

Conversions Part 2

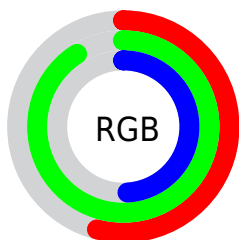
Format	Color
RYB	125, 232, 220
Decimal	9037949
CIELab	84.23, -48.57, 43.26
CIELCh	84, 65.042, 138.309
Yxy	64.5123, 0.3130, 0.4710
Android (android.graphics.Color)	4287228029 (0xFF89E87D)
YUV	191.3970, -32.7337, -47.7062
Hunter-Lab	80.3195, -45.2753, 34.3778

Details

The YUV color **191.3970, -32.7337, -47.7062** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **165.6030, 32.7337, 47.7062**, and the grayscale version is **192.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.0970, -24.2048, -29.9031**, and **135.5540, -30.8391, -48.7209** is the 20% darker color. If you saturate the color by 10%, you get **182.4960, -39.6845, -58.3170**, and if you desaturate by 10%, it is **200.2980, -25.7829, -37.0953**.

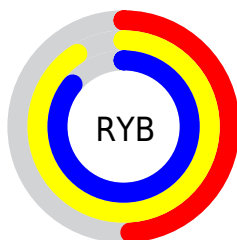
Distribution



Red (54%)

Green (91%)

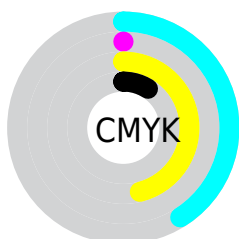
Blue (49%)



Red (49%)

Yellow (91%)

Blue (86%)

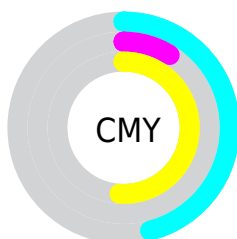


Cyan (41%)

Magenta (0%)

Yellow (46%)

Black (9%)



Cyan (46%)


Magenta (9%)


Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 191.3970, -32.7337, -47.7062 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 191.3970, -32.7337, -47.7062 by changing the saturation by 10% instead.


 191.3970,
-32.7337, -47.7062


 191.3970,
-32.7337, -47.7062

255.0000, 0.0000,
0.0000


 163.0380,
-31.5707, -47.3913


 228.0970,
-24.2048, -29.9031


 135.5540,
-30.8391, -48.7209


 240.2590,
-16.3967, -14.2591

 107.2980,
-29.2339, -50.2503

 252.2360, -8.0043,
0.6700

 75.2040, -26.7226,
-62.4459

 56.3520, -27.7815,
-49.4207

 42.2640, -20.8362,
-37.0655

 28.7630, -14.1802,

-25.2252

■ 13.5010, -6.6560,
-11.8404

■ 0.0000, 0.0000,
0.0000

■ 191.3970,
-32.7337, -47.7062

■ 191.3970,
-32.7337, -47.7062

■ 182.4960,
-39.6845, -58.3170

■ 200.2980,
-25.7829, -37.0953

■ 173.8940,
-46.7827, -68.3130

■ 208.9000,
-18.6847, -27.0993


■ 164.8790,
-54.1703, -78.8239


■ 217.9150,
-11.2971, -16.5885

■ 156.2770,
-61.2686, -88.8199

■ 226.5170, -4.1989,
-6.5924

 147.3760,
-68.2194, -99.4308

 235.4180, 2.7519,
4.0184

 143.9580,
-70.9713, -103.4492

 241.4990, 6.6560,
11.8404

Harmonies

Analogous

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



200.0760, -55.7465, 6.9493



191.3970, -32.7337, -47.7062



161.1550, 10.7696, -141.3329

Triad

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



191.3970, -32.7337, -47.7062



160.5580, 46.5599, -140.8094



188.9410, -6.8729, 57.9337

Complementary

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



191.3970, -32.7337, -47.7062



165.6030, 32.7337, 47.7062

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.



196.5960, 19.9192, 51.2203



191.3970, -32.7337, -47.7062



200.2460, 26.9937, -24.7717

Square

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



191.3970, -32.7337, -47.7062



167.6020, 43.0872, -146.9870



210.3880, 21.9937, 39.1247



192.7640, -35.3797, 54.5810

Rectangle

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



191.3970, -32.7337, -47.7062



167.2310, 28.9731, -146.6616



210.3880, 21.9937, 39.1247



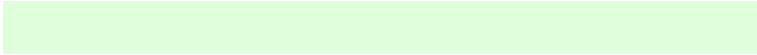
190.0470, 2.4418, 56.9638

Sweetspot

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



191.3970, -32.7337, -47.7062



241.3280, -11.0077, -16.0737



212.7580, -43.2647, 16.8752



119.5120, -6.6614, -10.0960



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.



191.3970, -32.7337, -47.7062



201.6650, -42.7258, -62.8502



192.4830, -13.0561, -59.1826



110.6420, -3.7675, -4.9480



111.0530, -54.7491, -79.8535



31.7310, -15.6434, -22.5661

Inverse Universe

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



165.6030, 32.7337, 47.7062



168.0360, 42.8733, 62.2354



164.5170, 13.0561, 59.1826



107.3580, 3.7675, 4.9480



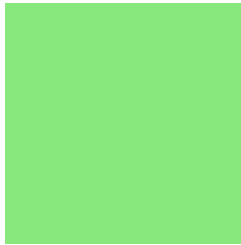
67.6480, 54.8965, 79.2387



19.2690, 15.6434, 22.5661

Previews

White Background



This preview shows how the YUV color 191.3970, -32.7337, -47.7062 looks on a white background.

Color Contrast Check

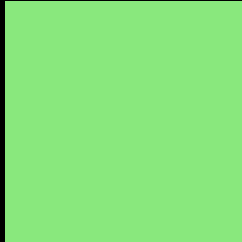
Large Text (above 18pt) WCAG AA × Fail

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 191.3970, -32.7337, -47.7062 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 191.3970, -32.7337, -47.7062 Background



This preview shows how black text looks on a background with the YUV color 191.3970, -32.7337, -47.7062.

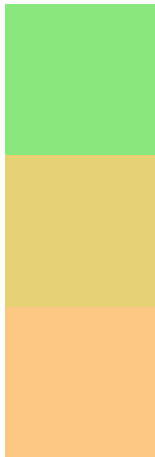


This preview shows how white text looks on a background with the YUV color 191.3970, -32.7337, -47.7062.

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

191.3970, -32.7337, -47.7062

Protanopia

204.7910, -43.2810, 22.1083

Deuteranopia

207.9100, -36.9306, 38.6669




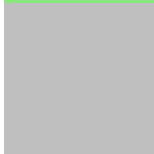
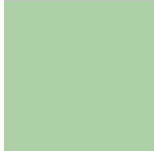
Tritanopia

202.8130, 16.8542, -39.3010

Trichromacy

	Original Color 191.3970, -32.7337, -47.7062
	Protanomaly 199.6630, -39.2739, -3.2125
	Deuteranomaly 202.0540, -35.5226, 6.9686
	Tritanomaly 198.6820, -1.3222, -42.6941

Monochromacy

	Original Color 191.3970, -32.7337, -47.7062
	Achromatopsia 191.0000, 0.0000, 0.0000
	Achromatomaly 191.0890, -11.8759, -17.6181

CSS Examples

Text

The CSS property to change the color of the text to YUV 191.3970, -32.7337, -47.7062 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(137, 232, 125)` looks like.

```
.text, #text, p{  
    color:rgb(137, 232, 125)  
}
```

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(137, 232, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 232, 125) }
```

Border

The CSS property to change the border of an element to YUV 191.3970, -32.7337, -47.7062 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(137, 232, 125) }
```


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

```
.border{ border-color:rgb(137, 232, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 232, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 232, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 232, 125);  
box-shadow:4px 4px 4px 4px rgb(137, 232,  
125) }
```

Background

The CSS property to change the background color of an element to YUV 191.3970, -32.7337, -47.7062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 232, 125) }
```

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

```
.background{ background-color: rgb(137,  
232, 125) }
```

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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