

Converting Colors

YUV(189.6620, -51.5984,
-63.7246)

Have a look what the booklet for
YUV(189.6620, -51.5984, -63.7246)
contains.

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Color

**YUV(189.6620, -51.5984,
-63.7246)**

Conversions

Conversions Part 1

Format	Color
Hex	75F755
RGB	117, 247, 85
RGB Percent	46%, 97%, 33%
CMY	0.5412, 0.0314, 0.6667
CMYK	0.53, 0.00, 0.66, 0.03
HSL	108°, 91%, 65%
HSV	108°, 66%, 97%
XYZ	42.2366, 70.9593, 20.0648
YIQ	189.6620, -25.4780, -77.9420

Conversions

Conversions Part 2

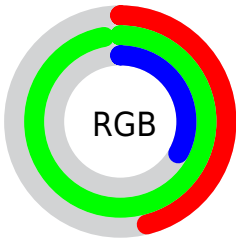
Format	Color
RYB	85, 247, 215
Decimal	7731029
CIELab	87.47, -64.42, 64.58
CIELCh	87, 91.214, 134.930
Yxy	70.9593, 0.3169, 0.5325
Android (android.graphics.Color)	4285921109 (0xFF75F755)
YUV	189.6620, -51.5984, -63.7246
Hunter-Lab	84.2374, -57.9155, 44.8437

Details

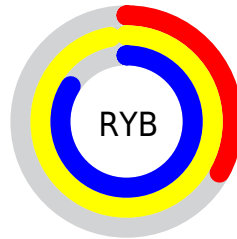
The YUV color **189.6620, -51.5984, -63.7246** is a light color, and the websafe version is hex **66FF66**. The color can be described as light muted chartreuse. A complement of this color would be **142.3380, 51.5984, 63.7246**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.9810, -38.4446, -35.9403**, and **127.1620, -53.3239, -70.3021** is the 20% darker color. If you saturate the color by 10%, you get **180.8320, -59.5702, -73.5207**, and if you desaturate by 10%, it is **198.4920, -43.6266, -53.9285**.

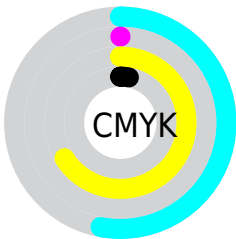
Distribution



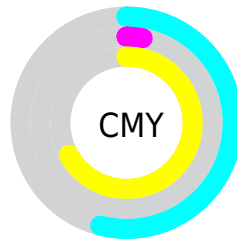
- Red (46%)
- Green (97%)
- Blue (33%)



- Red (33%)
- Yellow (97%)
- Blue (84%)



- Cyan (53%)
- Magenta (0%)
- Yellow (66%)
- Black (3%)



- Cyan (54%)
- Magenta (3%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.6620, -51.5984, -63.7246 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 189.6620, -51.5984, -63.7246 by changing the saturation by 10% instead.

■ 189.6620,
-51.5984, -63.7246

■ 189.6620,
-51.5984, -63.7246

255.0000, 0.0000,
0.0000

■ 159.7650,
-51.1561, -65.5689

■ 218.9810,
-38.4446, -35.9403

■ 127.1620,
-53.3239, -70.3021

■ 231.4420,
-30.7839, -19.6816

■ 95.0940, -46.8813,
-83.3974

■ 243.7180,
-22.5390, -4.1377

■ 78.6580, -38.7784,
-68.9831

■ 251.8080,
-12.2303, 2.7994

■ 63.3960, -31.2542,
-55.5983

■ 48.1340, -23.7301,
-42.2135

■ 34.0460, -16.7847,

-29.8583

■ 19.3710, -9.5499,
-16.9884

■ 0.0000, 0.0000,
0.0000

■ 189.6620,
-51.5984, -63.7246

■ 189.6620,
-51.5984, -63.7246

■ 180.8320,
-59.5702, -73.5207

■ 198.4920,
-43.6266, -53.9285

■ 172.1160,
-67.1052, -83.4167

■ 207.2080,
-36.0915, -44.0324

■ 163.5850,
-75.2244, -92.5980

■ 215.7390,
-27.9723, -34.8511

■ 159.6400,
-78.7025, -97.0313

■ 224.5690,
-20.0005, -25.0550

■ 233.3990,
-12.0287, -15.2589

■ 242.1150, -4.4937,
-5.3629

■ 250.3040, 2.3151,
4.1184

Harmonies

Analogous

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



200.2030, -98.7001, 17.3620



189.6620, -51.5984, -63.7246



169.1790, 0.8978, -148.3700

Triad

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



189.6620, -51.5984, -63.7246



170.5370, 41.6403, -149.5609



174.2490, 2.8352, 70.8186

Complementary

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



189.6620, -51.5984, -63.7246



142.3380, 51.5984, 63.7246

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.



186.3210, 33.8587, 60.2315



189.6620, -51.5984, -63.7246



189.3720, 32.3546, -64.3472

Square

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



189.6620, -51.5984, -63.7246



178.7550, 37.5888, -156.7681



208.6270, 22.8619, 40.6691



182.6250, -41.2271, 63.4729

Rectangle

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



189.6620, -51.5984, -63.7246



176.1330, 27.5424, -154.4686



208.6270, 22.8619, 40.6691



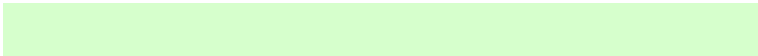
175.7940, 16.3706, 69.4637

Sweetspot

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



189.6620, -51.5984, -63.7246



236.9270, -16.2330, -20.1070



209.7480, -61.5008, 32.6700



116.9910, -9.8556, -12.2701



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.



189.6620, -51.5984, -63.7246



183.6480, -63.9165, -79.4983



185.6800, -25.4782, -88.2964



117.9410, -3.9149, -4.3333



120.2450, -59.2808, -73.0059



38.2210, -18.8430, -22.9958

Inverse Universe

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



142.3380, 51.5984, 63.7246



125.0530, 64.0639, 78.8835



146.3200, 25.4782, 88.2964



114.3580, 3.7675, 4.9480



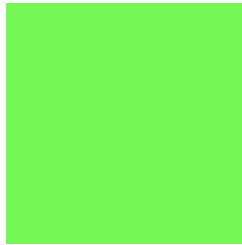
65.7550, 59.2808, 73.0059



20.7790, 18.8430, 22.9958

Previews

White Background



This preview shows how the YUV color 189.6620, -51.5984, -63.7246 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 189.6620, -51.5984, -63.7246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

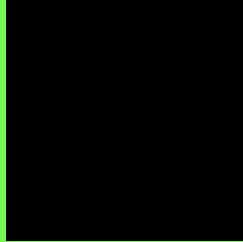
Any Text WCAG AA ✓ Pass

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 189.6620, -51.5984, -63.7246 Background



This preview shows how black text looks on a background with the YUV color 189.6620, -51.5984, -63.7246.



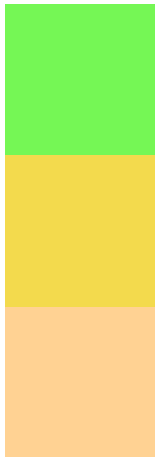
This preview shows how white text looks on a background with the YUV color 189.6620, -51.5984, -63.7246.

-63.7246.

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

189.6620, -51.5984, -63.7246

Protanopia

209.4010, -65.2737, 29.4663

Deuteranopia

216.2730, -34.1516, 33.9636



Tritanopia

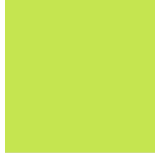
208.6480, 20.3865, -52.3113

Trichromacy



Original Color

189.6620, -51.5984, -63.7246



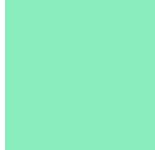
Protanomaly

202.4460, -60.3659, -4.7761



Deuteranomaly

206.3320, -40.5897, -1.1682



Tritanomaly

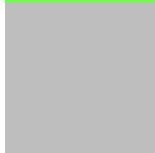
201.7420, -5.7888, -56.7787

Monochromacy



Original Color

189.6620, -51.5984, -63.7246



Achromatopsia

190.0000, 0.0000, 0.0000



Achromatomaly

189.9220, -18.6955, -23.6106

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.6620, -51.5984, -63.7246 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(117, 247, 85)` looks like.

```
.text, #text, p{  
    color:rgb(117, 247, 85)  
}
```

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(117, 247, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 247, 85) }
```

Border

The CSS property to change the border of an element to YUV 189.6620, -51.5984, -63.7246 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(117, 247, 85) }
```


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

```
.border{ border-color:rgb(117, 247, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 247, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 247, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 247, 85);  
box-shadow:4px 4px 4px 4px rgb(117, 247,  
85) }
```

Background

The CSS property to change the background color of an element to YUV 189.6620, -51.5984, -63.7246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 247, 85) }
```

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

```
.background{ background-color: rgb(117,  
247, 85) }
```

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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