

Converting Colors

YUV(189.4790, -23.9001,
-81.1041)

Have a look what the booklet for
YUV(189.4790, -23.9001, -81.1041)
contains.

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Color

**YUV(189.4790, -23.9001,
-81.1041)**

Conversions

Conversions Part 1

Format	Color
Hex	61F68D
RGB	97, 246, 141
RGB Percent	38%, 96%, 55%
CMY	0.6196, 0.0353, 0.4471
CMYK	0.61, 0.00, 0.43, 0.04
HSL	138°, 89%, 67%
HSV	138°, 61%, 96%
XYZ	42.6933, 70.3760, 36.5331
YIQ	189.4790, -55.0990, -64.2430

Conversions

Conversions Part 2

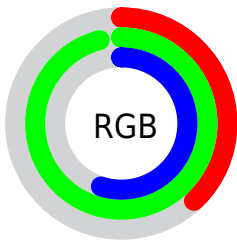
Format	Color
RYB	97, 212, 246
Decimal	6420109
CIELab	87.18, -61.82, 38.92
CIELCh	87, 73.056, 147.806
Yxy	70.3760, 0.2854, 0.4704
Android (android.graphics.Color)	4284610189 (0xFF61F68D)
YUV	189.4790, -23.9001, -81.1041
Hunter-Lab	83.8904, -55.9665, 32.9033

Details

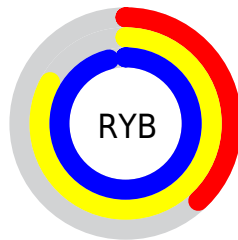
The YUV color **189.4790, -23.9001, -81.1041** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **153.5210, 23.9001, 81.1041**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.8690, -11.7674, -52.5051**, and **120.5020, -15.5305, -105.6803** is the 20% darker color. If you saturate the color by 10%, you get **180.0660, -27.6405, -94.7739**, and if you desaturate by 10%, it is **198.8920, -20.1598, -67.4343**.

Distribution



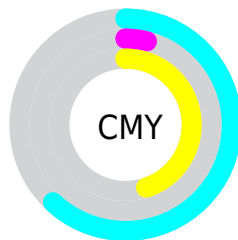
- Red (38%)
- Green (96%)
- Blue (55%)



- Red (38%)
- Yellow (83%)
- Blue (96%)



- Cyan (61%)
- Magenta (0%)
- Yellow (43%)
- Black (4%)



- Cyan (62%)
- Magenta (4%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.4790, -23.9001, -81.1041 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 189.4790, -23.9001, -81.1041 by changing the saturation by 10% instead.

■ 189.4790,
-23.9001, -81.1041

■ 189.4790,
-23.9001, -81.1041

255.0000, 0.0000,
0.0000

■ 159.0270,
-21.7053, -85.0927

■ 219.8690,
-11.7674, -52.5051

■ 120.5020,
-15.5305, -105.6803

■ 232.0310, -3.9593,
-36.8612

■ 101.8030,
-18.6369, -89.2812

■ 244.3070, 4.2856,
-21.3172

■ 82.5170, -21.4539,
-72.3674

■ 253.8040, 0.5896,
-2.4591

■ 64.0630, -26.1601,
-56.1833

■ 47.5470, -23.4407,
-41.6987

■ 33.4590, -16.4953,

-29.3435

■ 19.3710, -9.5499,
-16.9884

■ 0.0000, 0.0000,
0.0000

■ 189.4790,
-23.9001, -81.1041

■ 189.4790,
-23.9001, -81.1041

■ 180.0660,
-27.6405, -94.7739

■ 198.8920,
-20.1598, -67.4343

■ 170.8380,
-31.9651, -107.7289

■ 208.1200,
-15.8352, -54.4792

■ 161.4250,
-35.7055, -121.3987

■ 217.5330,
-12.0948, -40.8094

■ 152.7240,
-39.3039, -133.9389

■ 226.6470, -8.2070,
-27.7544

■ 236.1740, -4.0298,
-14.1846

■ 245.5870, -0.2894,
-0.5148

■ 249.7170, 2.6045,
4.6332

Harmonies

Analogous

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



204.0970, -57.7288, -10.6091



189.4790, -23.9001, -81.1041



171.9780, 19.2378, -150.8247

Triad

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



189.4790, -23.9001, -81.1041



162.9060, 45.4023, -142.8686



189.3510, -15.4560, 57.5742

Complementary

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



189.4790, -23.9001, -81.1041



153.5210, 23.9001, 81.1041

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.



193.5810, 15.9826, 53.8645



189.4790, -23.9001, -81.1041



211.0320, 21.6762, 0.8489

Square

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



189.4790, -23.9001, -81.1041



172.2980, 40.7721, -151.1053



206.8660, 23.7301, 42.2135



197.5280, -47.5883, 50.4029

Rectangle

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



189.4790, -23.9001, -81.1041



176.9940, 38.4570, -155.2237



206.8660, 23.7301, 42.2135



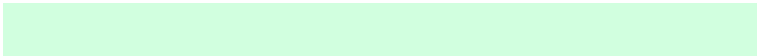
188.9240, -4.3995, 57.9487

Sweetspot

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



189.4790, -23.9001, -81.1041



237.5980, -7.1968, -25.0804



216.4560, -58.8918, -10.9239



117.0490, -4.4612, -15.8290



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.



189.4790, -23.9001, -81.1041



184.4520, -29.8028, -101.2514



197.8010, 7.9861, -88.4025



117.5000, -1.7255, -6.5775



115.4520, -29.8028, -101.2514



36.5710, -9.6485, -32.0728

Inverse Universe

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



153.5210, 23.9001, 81.1041



139.5480, 29.8028, 101.2514



145.1990, -7.9861, 88.4025



114.6140, 2.1623, 6.4775



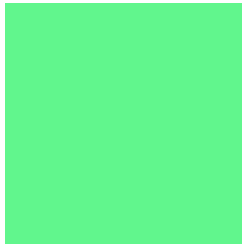
70.5480, 29.8028, 101.2514



22.3150, 9.2117, 32.1727

Previews

White Background



This preview shows how the YUV color 189.4790, -23.9001, -81.1041 looks on a white background.

Color Contrast Check

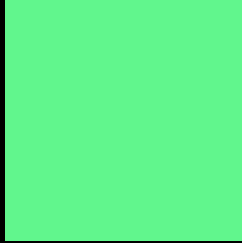
Large Text (above 18pt) WCAG AA × Fail

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 189.4790, -23.9001, -81.1041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

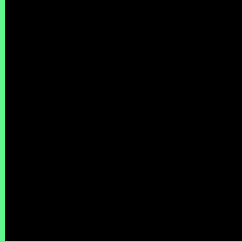
Any Text WCAG AA ✓ Pass

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 189.4790, -23.9001, -81.1041 Background



This preview shows how black text looks on a background with the YUV color 189.4790, -23.9001, -81.1041.



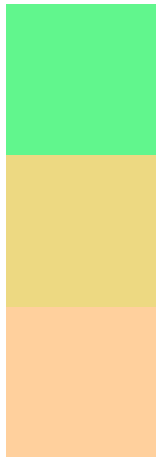
This preview shows how white text looks on a background with the YUV color 189.4790, -23.9001, -81.1041.

-81.1041.

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

189.4790, -23.9001, -81.1041

Protanopia

213.0620, -40.9496, 20.9936

Deuteranopia

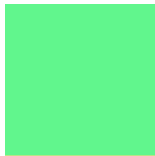
216.2390, -29.2048, 33.9934



Tritanopia

204.0700, 23.6295, -65.8364

Trichromacy



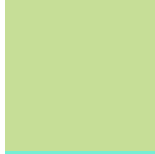
Original Color

189.4790, -23.9001, -81.1041



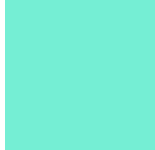
Protanomaly

204.7260, -34.8679, -16.4227



Deuteranomaly

206.7300, -27.4749, -7.6562



Tritanomaly

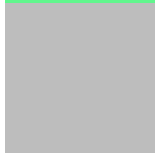
198.8570, 6.4795, -71.7886

Monochromacy



Original Color

189.4790, -23.9001, -81.1041



Achromatopsia

189.0000, 0.0000, 0.0000



Achromatomaly

189.5220, -8.6383, -29.3988

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.4790, -23.9001, -81.1041 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(97, 246, 141)` looks like.

```
.text, #text, p{  
    color:rgb(97, 246, 141)  
}
```

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(97, 246, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 246, 141) }
```

Border

The CSS property to change the border of an element to YUV 189.4790, -23.9001, -81.1041 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(97, 246, 141) }
```


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

```
.border{ border-color:rgb(97, 246, 141) }
```

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

Here you see how a box with a 4 pixel rgb(97, 246, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 246, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 246, 141);  
box-shadow:4px 4px 4px 4px rgb(97, 246,  
141) }
```

Background

The CSS property to change the background color of an element to YUV 189.4790, -23.9001, -81.1041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 246, 141) }
```

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

```
.background{ background-color: rgb(97, 246,  
141) }
```

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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