

Converting Colors

YUV(187.9420, -29.0584,
-13.1041)

Have a look what the booklet for
YUV(187.9420, -29.0584, -13.1041)
contains.

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Color

**YUV(187.9420, -29.0584,
-13.1041)**

Conversions

Conversions Part 1

Format	Color
Hex	ADCF81
RGB	173, 207, 129
RGB Percent	68%, 81%, 51%
CMY	0.3216, 0.1882, 0.4941
CMYK	0.16, 0.00, 0.38, 0.19
HSL	86°, 45%, 66%
HSV	86°, 38%, 81%
XYZ	43.5089, 55.0949, 29.1101
YIQ	187.9420, 4.7740, -31.4660

Conversions

Conversions Part 2

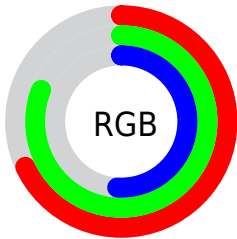
Format	Color
RYB	129, 207, 163
Decimal	11390849
CIELab	79.10, -24.55, 35.12
CIELCh	79, 42.847, 124.959
Yxy	55.0949, 0.3407, 0.4314
Android (android.graphics.Color)	4289580929 (0xFFADCF81)
YUV	187.9420, -29.0584, -13.1041
Hunter-Lab	74.2259, -25.2644, 28.7056

Details

The YUV color **187.9420, -29.0584, -13.1041** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **148.0580, 29.0584, 13.1041**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.0180, -27.6169, -8.7858**, and **134.2840, -27.7480, -13.4041** is the 20% darker color. If you saturate the color by 10%, you get **182.8570, -36.9045, -16.5376**, and if you desaturate by 10%, it is **193.0270, -21.2123, -9.6707**.

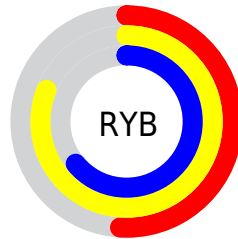
Distribution



Red (68%)

Green (81%)

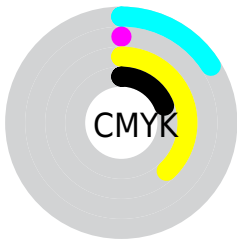
Blue (51%)



Red (51%)

Yellow (81%)

Blue (64%)

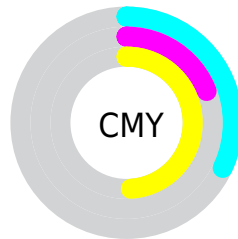


Cyan (16%)

Magenta (0%)

Yellow (38%)

Black (19%)



Cyan (32%)

Magenta (19%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.9420, -29.0584, -13.1041 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 187.9420, -29.0584, -13.1041 by changing the saturation by 10% instead.

■ 187.9420,
-29.0584, -13.1041

■ 187.9420,
-29.0584, -13.1041

255.0000, 0.0000,
0.0000

■ 160.4690,
-28.3322, -12.6893

■ 239.0180,
-27.6169, -8.7858

■ 134.2840,
-27.7480, -13.4041

■ 249.9840,
-19.2191, 4.3990

■ 108.8110,
-27.0218, -12.9892

■ 253.1760, -6.9888,
1.5996

■ 83.0390, -26.1482,
-13.1892

■ 58.8110, -27.0218,
-12.9892

■ 37.9770, -18.7227,
-14.8888

■ 19.3710, -9.5499,

-16.9884

■ 0.0000, 0.0000,
0.0000

■ 187.9420,
-29.0584, -13.1041

■ 187.9420,
-29.0584, -13.1041

■ 182.8570,
-36.9045, -16.5376

■ 193.0270,
-21.2123, -9.6707

■ 177.8860,
-44.3138, -20.0710

■ 197.9980,
-13.8030, -6.1372

■ 172.8010,
-52.1599, -23.5045

■ 203.0830, -5.9569,
-2.7038

■ 167.7160,
-60.0060, -26.9379

■ 208.1680, 1.8892,
0.7297

■ 162.6310,
-67.8521, -30.3714

■ 213.1390, 9.2985,
4.2631

■ 157.6600,
-75.2614, -33.9048

■ 218.2240, 17.1446,
7.6966

■ 156.4920,
-77.1506, -34.6345

■ 221.1430, 16.6915,
13.0296

■ 223.8340, 15.3648,
18.5626

■ 226.5250, 14.0382,
24.0956

Harmonies

Analogous

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



192.7460, -38.3288, 20.3938



187.9420, -29.0584, -13.1041



181.0480, -9.8837, -50.0311

Triad

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



187.9420, -29.0584, -13.1041



173.8790, 39.9927, -87.5939



194.2870, -1.6205, 53.2453

Complementary

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



187.9420, -29.0584, -13.1041



148.0580, 29.0584, 13.1041

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.



201.3580, 14.1205, 44.4130



187.9420, -29.0584, -13.1041



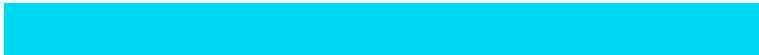
189.5480, 32.2678, -36.4376

Square

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



187.9420, -29.0584, -13.1041



154.1520, 42.3231, -135.1913



198.9820, 27.6169, 8.7858



193.3630, -20.3920, 54.0556

Rectangle

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



187.9420, -29.0584, -13.1041



174.8240, 6.4958, -77.0216



198.9820, 27.6169, 8.7858



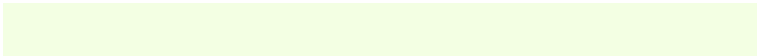
196.3560, 3.7685, 51.4308

Sweetspot

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



187.9420, -29.0584, -13.1041



248.2200, -10.4615, -4.5779



172.2800, -21.3370, 30.4494



123.6700, -6.2463, -3.2186



0.0000, 0.0000, 0.0000



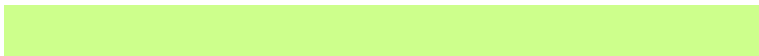
128.0000, 0.0000, 0.0000

Same Dimension

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



187.9420, -29.0584, -13.1041



226.9400, -42.8614, -19.2414



176.2810, -23.3095, -37.0804



102.2510, -4.0677, -1.9741



127.0210, -62.6214, -28.0824



30.9440, -15.2554, -6.9669

Inverse Universe

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



148.0580, 29.0584, 13.1041



168.0600, 42.8614, 19.2414



159.7190, 23.3095, 37.0804



96.7490, 4.0677, 1.9741



40.9790, 62.6214, 28.0824



10.0560, 15.2554, 6.9669

Previews

White Background



This preview shows how the YUV color 187.9420, -29.0584, -13.1041 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 187.9420, -29.0584, -13.1041 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 187.9420, -29.0584, -13.1041 Background



This preview shows how black text looks on a background with the YUV color 187.9420, -29.0584, -13.1041.



This preview shows how white text looks on a background with the YUV color 187.9420, -29.0584, -13.1041.

-13.1041.

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

187.9420, -29.0584, -13.1041

Protanopia

192.2880, -33.6660, 18.1644

Deuteranopia

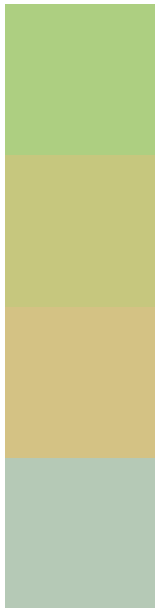
194.8970, -30.5152, 34.2933



Tritanopia

195.2360, 8.7577, -8.9770

Trichromacy



Original Color

187.9420, -29.0584, -13.1041

Protanomaly

190.3790, -31.7388, 6.6836

Deuteranomaly

192.3140, -29.7348, 17.2646

Tritanomaly

192.8540, -5.3510, -10.3960

Monochromacy



Original Color

187.9420, -29.0584, -13.1041

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

188.2200, -10.4615, -4.5779

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.9420, -29.0584, -13.1041 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(173, 207, 129)` looks like.

```
.text, #text, p{  
    color:rgb(173, 207, 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(173, 207, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 207, 129) }
```

Border

The CSS property to change the border of an element to YUV 187.9420, -29.0584, -13.1041 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(173, 207, 129) }
```


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

```
.border{ border-color:rgb(173, 207, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 207, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 207, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 207, 129);  
box-shadow:4px 4px 4px 4px rgb(173, 207,  
129) }
```

Background

The CSS property to change the background color of an element to YUV 187.9420, -29.0584, -13.1041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 207, 129) }
```

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

```
.background{ background-color: rgb(173,  
207, 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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