

Converting Colors

YUV(187.2800, -92.3290,
-19.5396)

Have a look what the booklet for
YUV(187.2800, -92.3290, -19.5396)
contains.

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Color

**YUV(187.2800, -92.3290,
-19.5396)**

Conversions

Conversions Part 1

Format	Color
Hex	A5EB00
RGB	165, 235, 0
RGB Percent	65%, 92%, 0%
CMY	0.3529, 0.0784, 1.0000
CMYK	0.30, 0.00, 1.00, 0.08
HSL	78°, 100%, 46%
HSV	78°, 100%, 92%
XYZ	45.2254, 67.4160, 10.6290
YIQ	187.2800, 33.7150, -87.9250

Conversions

Conversions Part 2

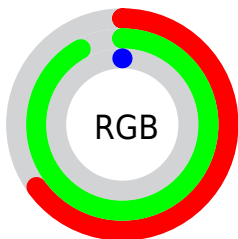
Format	Color
RYB	0, 235, 70
Decimal	10873600
CIELab	85.71, -48.07, 83.28
CIELCh	86, 96.159, 119.996
Yxy	67.4160, 0.3669, 0.5469
Android (android.graphics.Color)	4289063680 (0xFFA5EB00)
YUV	187.2800, -92.3290, -19.5396
Hunter-Lab	82.1072, -45.3683, 49.7998

Details

The YUV color **187.2800, -92.3290, -19.5396** is a dark color, and the websafe version is hex **CCFF33**. The color can be described as middle washed chartreuse. A complement of this color would be **47.7200, 92.3290, 19.5396**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.2200, -67.6495, -1.9469**, and **136.7670, -67.4261, -26.9827** is the 20% darker color. If you saturate the color by 10%, you get **187.2800, -92.3290, -19.5396**, and if you desaturate by 10%, it is **191.9950, -83.3145, -17.5356**.

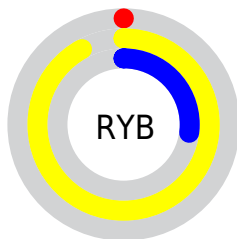
Distribution



Red (65%)

Green (92%)

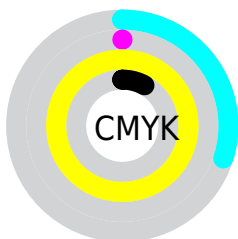
Blue (0%)



Red (0%)

Yellow (92%)

Blue (27%)

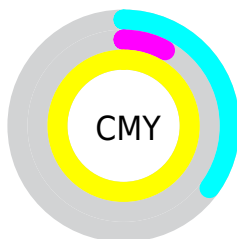


Cyan (30%)

Magenta (0%)

Yellow (100%)

Black (8%)



Cyan (35%)

Magenta (8%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.2800, -92.3290, -19.5396 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 187.2800, -92.3290, -19.5396 by changing the saturation by 10% instead.

187.2800,
-92.3290, -19.5396

187.2800,
-92.3290, -19.5396

255.0000, 0.0000,
0.0000

161.8740,
-79.8039, -23.5685

227.2200,
-67.6495, -1.9469

136.7670,
-67.4261, -26.9827

239.6100,
-58.9677, 13.4970

111.6490,
-55.0430, -32.1412

243.0300,
-45.8638, 10.4977

85.9330, -42.3650,
-38.5292

246.3360,
-33.1966, 7.5983

58.7000, -28.9391,
-51.4799

249.7560,
-20.0927, 4.5990

44.0250, -21.7043,
-38.6099

253.1760, -6.9888,

29.9370, -14.7589,

1.5996

-26.2547

■ 16.4360, -8.1029,
-14.4144

■ 0.0000, 0.0000,
0.0000

■ 187.2800,
-92.3290, -19.5396

■ 191.9950,
-83.3145, -17.5356

■ 196.8240,
-73.8632, -15.6316

■ 201.6530,
-64.4119, -13.7277

■ 206.3680,
-55.3974, -11.7237

■ 211.1970,
-45.9461, -9.8198

■ 215.9120,
-36.9316, -7.8158

■ 220.6270,
-27.9171, -5.8119

■ 225.4560,
-18.4658, -3.9079

■ 230.1710, -9.4513,
-1.9040

Harmonies

Analogous

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



199.5150, -98.3609, 48.6603



187.2800, -92.3290, -19.5396



159.5010, -20.9530, -139.8824

Triad

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



187.2800, -92.3290, -19.5396



173.4720, 40.1933, -152.1349



168.0150, 24.6426, 76.2858

Complementary

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



187.2800, -92.3290, -19.5396



47.7200, 92.3290, 19.5396

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.



190.4300, 31.8330, 56.6279



187.2800, -92.3290, -19.5396



161.7320, 45.9811, -141.8390

Square

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



187.2800, -92.3290, -19.5396



178.7550, 37.5888, -156.7681



202.4930, 25.8860, 3.9526



168.4350, -19.4415, 75.9175

Rectangle

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



187.2800, -92.3290, -19.5396



169.6180, 5.1183, -148.7550



202.4930, 25.8860, 3.9526



175.0710, 36.4470, 70.0977

Sweetspot

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



187.2800, -92.3290, -19.5396



239.4590, -29.8063, -6.5415



109.5940, -54.0298, 109.9811



118.5700, -18.0290, -4.0079



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.



187.2800, -92.3290, -19.5396



203.2060, -100.1806, -21.2287



153.1940, -75.5246, -89.6241



114.8490, -4.3626, -0.7446



144.2200, -71.1005, -15.1019



43.0600, -21.2286, -4.4376

Inverse Universe

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



47.7200, 92.3290, 19.5396



51.7940, 100.1806, 21.2287



81.8060, 75.5246, 89.6241



108.1510, 4.3626, 0.7446



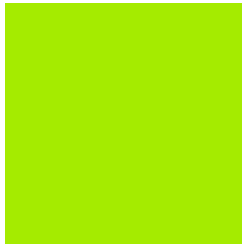
36.7800, 71.1005, 15.1019



10.9400, 21.2286, 4.4376

Previews

White Background



This preview shows how the YUV color 187.2800, -92.3290, -19.5396 looks on a white background.

Color Contrast Check

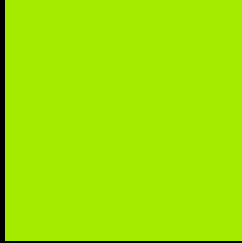
Large Text (above 18pt) WCAG AA × Fail

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 187.2800, -92.3290, -19.5396 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 187.2800, -92.3290, -19.5396 Background



This preview shows how black text looks on a background with the YUV color 187.2800, -92.3290, -19.5396.



This preview shows how white text looks on a background with the YUV color 187.2800, -92.3290, -19.5396.

-19.5396.

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

187.2800, -92.3290, -19.5396

Protanopia

197.6770, -97.4548, 37.9943

Deuteranopia

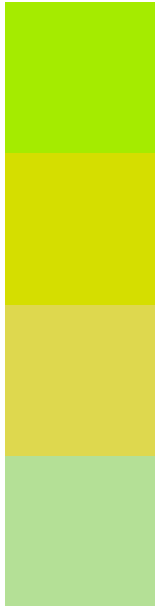
210.6020, -43.1878, 38.9370



Tritanopia

211.0820, 12.2846, -20.2429

Trichromacy



Original Color

187.2800, -92.3290, -19.5396

Protanomaly

194.0010, -95.6425, 16.6621

Deuteranomaly

202.0620, -61.1626, 17.4856

Tritanomaly

202.4080, -25.8371, -19.6518

Monochromacy



Original Color

187.2800, -92.3290, -19.5396

Achromatopsia

187.0000, 0.0000, 0.0000

Achromatomaly

186.8350, -33.4427, -6.8713

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.2800, -92.3290, -19.5396 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(165, 235, 0)` looks like.

```
.text, #text, p{  
    color:rgb(165, 235, 0)  
}
```

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(165, 235, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 235, 0) }
```

Border

The CSS property to change the border of an element to YUV 187.2800, -92.3290, -19.5396 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(165, 235, 0) }
```


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

```
.border{ border-color:rgb(165, 235, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 235, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 235, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 235, 0);  
box-shadow:4px 4px 4px 4px rgb(165, 235,  
0) }
```

Background

The CSS property to change the background color of an element to YUV 187.2800, -92.3290, -19.5396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 235, 0) }
```

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

```
.background{ background-color: rgb(165,  
235, 0) }
```

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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