

Converting Colors

YUV(187.6970, -91.5486,
-36.5683)

Have a look what the booklet for
YUV(187.6970, -91.5486, -36.5683)
contains.

YUV(187.6970, -91.5486, -36.5683)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**YUV(187.6970, -91.5486,
-36.5683)**

Conversions

Conversions Part 1

Format	Color
Hex	92F502
RGB	146, 245, 2
RGB Percent	57%, 96%, 1%
CMY	0.4275, 0.0392, 0.9922
CMYK	0.40, 0.00, 0.99, 0.04
HSL	84°, 98%, 48%
HSV	84°, 99%, 96%
XYZ	44.5174, 71.4202, 11.4966
YIQ	187.6970, 18.9990, -96.5610

Conversions

Conversions Part 2

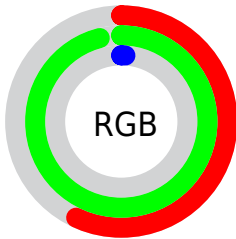
Format	Color
R_{YB}	2, 245, 101
Decimal	9630978
CIE _{Lab}	87.69, -58.63, 84.24
CIE _{LCh}	88, 102.641, 124.838
Yxy	71.4202, 0.3493, 0.5604
Android (android.graphics.Color)	4287821058 (0xFF92F502)
YUV	187.6970, -91.5486, -36.5683
Hunter-Lab	84.5105, -53.8652, 51.0917

Details

The YUV color **187.6970, -91.5486, -36.5683** is a dark color, and the websafe version is hex **99FF00**. The color can be described as middle saturated chartreuse. A complement of this color would be **59.3030, 91.5486, 36.5683**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.0660, -64.1225, -13.2129**, and **135.1730, -66.6403, -45.7557** is the 20% darker color. If you saturate the color by 10%, you get **187.1700, -92.2748, -36.9831**, and if you desaturate by 10%, it is **193.4230, -82.5395, -32.8200**.

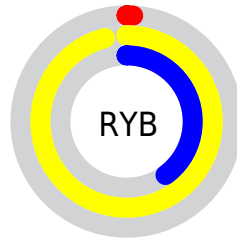
Distribution



Red (57%)

Green (96%)

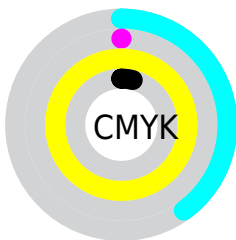
Blue (1%)



Red (1%)

Yellow (96%)

Blue (40%)

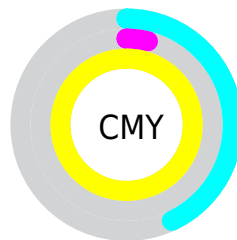


Cyan (40%)

Magenta (0%)

Yellow (99%)

Black (4%)



Cyan (43%)

Magenta (4%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.6970, -91.5486, -36.5683 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 187.6970, -91.5486, -36.5683 by changing the saturation by 10% instead.

187.6970,
-91.5486, -36.5683

187.6970,
-91.5486, -36.5683

255.0000, 0.0000,
0.0000

161.1770,
-79.4603, -40.4972

222.0660,
-64.1225, -13.2129

135.1730,
-66.6403, -45.7557

234.8690,
-55.1514, 2.7459

107.9730,
-53.2307, -53.4733

243.2580,
-44.9902, 10.2977

78.0710, -38.4890,
-68.4683

246.6780,
-31.8863, 7.2984

62.8090, -30.9648,
-55.0835

250.0980,
-18.7823, 4.2991

48.1340, -23.7301,
-42.2135

253.5180, -5.6784,

34.0460, -16.7847,

1.2997

-29.8583

■ 19.9580, -9.8393,
-17.5032

■ 0.0000, 0.0000,
0.0000

■ 187.6970,
-91.5486, -36.5683

■ 187.6970,
-91.5486, -36.5683

■ 187.1700,
-92.2748, -36.9831

■ 193.4230,
-82.5395, -32.8200

■ 199.2630,
-73.0937, -29.1717

■ 205.1030,
-63.6478, -25.5233

■ 210.8290,
-54.6387, -21.7750

■ 216.6690,
-45.1928, -18.1267

■ 222.3950,
-36.1837, -14.3784

■ 228.2350,
-26.7379, -10.7301

■ 233.9610,
-17.7288, -6.9818

■ 239.8010, -8.2829,
-3.3335

Harmonies

Analogous

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



204.1780, -100.6598, 39.3089



187.6970, -91.5486, -36.5683



164.6190, -16.5742, -144.3709

Triad

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



187.6970, -91.5486, -36.5683



176.9940, 38.4570, -155.2237



162.7660, 22.3004, 80.8892

Complementary

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



187.6970, -91.5486, -36.5683



59.3030, 91.5486, 36.5683

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.



184.5600, 34.7269, 61.7759



187.6970, -91.5486, -36.5683



162.3190, 45.6917, -142.3538

Square

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



187.6970, -91.5486, -36.5683



178.7550, 37.5888, -156.7681



209.4140, 22.4739, 25.0699



169.0730, -27.1510, 75.3580

Rectangle

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



187.6970, -91.5486, -36.5683



172.3710, 13.1281, -151.1694



209.4140, 22.4739, 25.0699



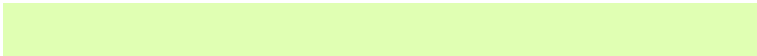
168.2890, 35.8465, 76.0455

Sweetspot

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



187.6970, -91.5486, -36.5683



237.0670, -28.6270, -11.4598



131.5960, -63.8908, 99.4553



117.0750, -17.2920, -7.0818



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.



187.6970, -91.5486, -36.5683



194.8340, -96.0532, -38.4424



151.8170, -73.8598, -110.3415



119.1370, -4.5045, -1.8741



142.0720, -70.0415, -28.1271



45.0980, -22.2333, -8.8559

Inverse Universe

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



59.3030, 91.5486, 36.5683



60.1660, 96.0532, 38.4424



95.1830, 73.8598, 110.3415



112.8630, 4.5045, 1.8741



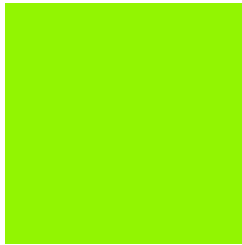
43.9280, 70.0415, 28.1271



13.9020, 22.2333, 8.8559

Previews

White Background



This preview shows how the YUV color 187.6970, -91.5486, -36.5683 looks on a white background.

Color Contrast Check

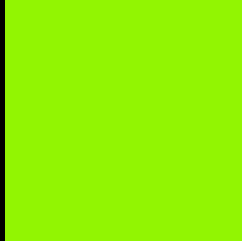
Large Text (above 18pt) WCAG AA × Fail

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 187.6970, -91.5486, -36.5683 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 187.6970, -91.5486, -36.5683 Background



This preview shows how black text looks on a background with the YUV color 187.6970, -91.5486, -36.5683.



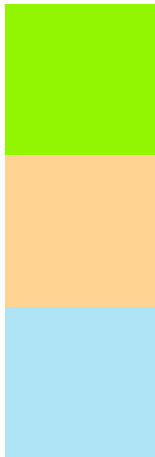
This preview shows how white text looks on a background with the YUV color 187.6970, -91.5486, -36.5683.

-36.5683.

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

187.6970, -91.5486, -36.5683

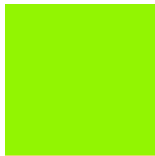
Deuteranopia

217.3330, -35.1672, 33.0340

Tritanopia

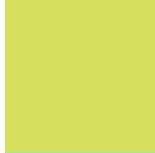
213.9060, 15.8223, -34.9976

Trichromacy



Original Color

187.6970, -91.5486, -36.5683



Deuteranomaly

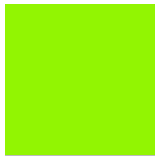
206.4890, -55.4571, 7.4641



Tritanomaly

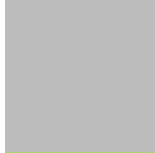
204.2920, -23.3150, -35.3361

Monochromacy



Original Color

187.6970, -91.5486, -36.5683



Achromatopsia

188.0000, 0.0000, 0.0000



Achromatomaly

188.0900, -33.5684, -13.2339

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.6970, -91.5486, -36.5683 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(146, 245, 2)` looks like.

```
.text, #text, p{  
    color:rgb(146, 245, 2)  
}
```

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(146, 245, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 245, 2) }
```

Border

The CSS property to change the border of an element to YUV 187.6970, -91.5486, -36.5683 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(146, 245, 2) }
```

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

```
.border{ border-color:rgb(146, 245, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 245, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 245, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 245, 2);  
box-shadow:4px 4px 4px 4px rgb(146, 245,  
2) }
```


Background

The CSS property to change the background color of an element to YUV 187.6970, -91.5486, -36.5683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 245, 2) }
```

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

```
.background{ background-color: rgb(146,  
245, 2) }
```

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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