

Converting Colors

YUV(193.3870, -87.9448,
-25.7724)

Have a look what the booklet for
YUV(193.3870, -87.9448, -25.7724)
contains.

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Color

**YUV(193.3870, -87.9448,
-25.7724)**

Conversions

Conversions Part 1

Format	Color
Hex	A4F30F
RGB	164, 243, 15
RGB Percent	64%, 95%, 6%
CMY	0.3569, 0.0471, 0.9412
CMYK	0.33, 0.00, 0.94, 0.05
HSL	81°, 90%, 51%
HSV	81°, 94%, 95%
XYZ	47.4467, 72.0282, 11.8541
YIQ	193.3870, 26.1040, -87.6560

Conversions

Conversions Part 2

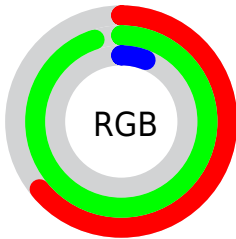
Format	Color
RYB	15, 243, 94
Decimal	10810127
CIELab	87.98, -51.56, 83.78
CIELCh	88, 98.376, 121.610
Yxy	72.0282, 0.3613, 0.5485
Android (android.graphics.Color)	4289000207 (0xFFA4F30F)
YUV	193.3870, -87.9448, -25.7724
Hunter-Lab	84.8694, -48.7302, 51.1273

Details

The YUV color **193.3870, -87.9448, -25.7724** is a dark color, and the websafe version is hex **99FF33**. The color can be described as middle saturated chartreuse. A complement of this color would be **64.6130, 87.9448, 25.7724**, and the grayscale version is **194.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.4910, -65.3181, -3.0616**, and **140.2780, -69.1571, -31.8158** is the 20% darker color. If you saturate the color by 10%, you get **190.1820, -93.7597, -27.3466**, and if you desaturate by 10%, it is **198.5150, -78.6409, -23.2537**.

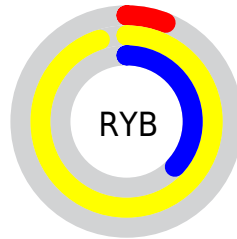
Distribution



Red (64%)

Green (95%)

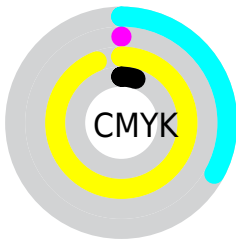
Blue (6%)



Red (6%)

Yellow (95%)

Blue (37%)

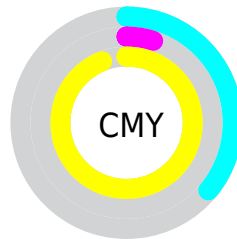


Cyan (33%)

Magenta (0%)

Yellow (94%)

Black (5%)



Cyan (36%)

Magenta (5%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.3870, -87.9448, -25.7724 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 193.3870, -87.9448, -25.7724 by changing the saturation by 10% instead.

■ 193.3870,
-87.9448, -25.7724

■ 193.3870,
-87.9448, -25.7724

■ 255.0000, 0.0000,
0.0000

■ 165.6840,
-81.6822, -27.7869

■ 227.4910,
-65.3181, -3.0616

■ 140.2780,
-69.1571, -31.8158

■ 240.1800,
-56.7837, 12.9971

■ 115.1600,
-56.7739, -36.9743

■ 243.6000,
-43.6798, 9.9978

■ 88.8460, -43.8011,
-44.5919

■ 247.0200,
-30.5759, 6.9985

■ 62.2220, -30.6754,
-54.5687

■ 250.3260,
-17.9087, 4.0991

■ 47.5470, -23.4407,
-41.6987

■ 253.8600, -4.3680,

■ 33.4590, -16.4953,

0.9998

-29.3435

■ 20.5450, -10.1287,
-18.0180

■ 0.0000, 0.0000,
0.0000

■ 193.3870,
-87.9448, -25.7724

■ 193.3870,
-87.9448, -25.7724

■ 190.1820,
-93.7597, -27.3466

■ 198.5150,
-78.6409, -23.2537

■ 204.0560,
-69.0476, -20.2201

■ 209.1840,
-59.7437, -17.7014

■ 214.6110,
-50.5872, -14.5678

■ 219.8530,
-40.8465, -12.1491

■ 225.2800,
-31.6900, -9.0156

■ 230.4080,
-22.3861, -6.4968

■ 235.5360,
-13.0822, -3.9781

■ 241.0770, -3.4890,
-0.9445

Harmonies

Analogous

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



204.2110, -100.6760, 44.5420



193.3870, -87.9448, -25.7724



164.0490, -18.7582, -143.8710

Triad

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



193.3870, -87.9448, -25.7724



177.5810, 38.1676, -155.7385



170.0040, 24.6480, 74.5415

Complementary

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



193.3870, -87.9448, -25.7724



64.6130, 87.9448, 25.7724

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.



191.6040, 31.2542, 55.5983



193.3870, -87.9448, -25.7724



164.6670, 44.5342, -144.4130

Square

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



193.3870, -87.9448, -25.7724



178.7550, 37.5888, -156.7681



208.7390, 22.8067, 11.6299



171.8430, -21.6146, 72.9287

Rectangle

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



193.3870, -87.9448, -25.7724



171.3450, 9.1969, -150.2696



208.7390, 22.8067, 11.6299



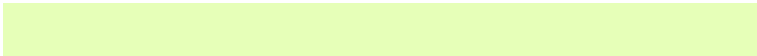
176.4730, 36.7418, 68.8682

Sweetspot

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



193.3870, -87.9448, -25.7724



239.4310, -27.3275, -8.2710



127.7840, -55.6025, 101.0444



118.2000, -16.8606, -5.4374



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.



193.3870, -87.9448, -25.7724



199.6180, -98.4117, -28.6060



160.1980, -71.5826, -94.0126



119.4360, -4.6519, -1.2594



145.6600, -71.8104, -20.7498



45.9950, -22.6755, -7.0116

Inverse Universe

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



64.6130, 87.9448, 25.7724



55.3820, 98.4117, 28.6060



97.8020, 71.5826, 94.0126



112.5640, 4.6519, 1.2594



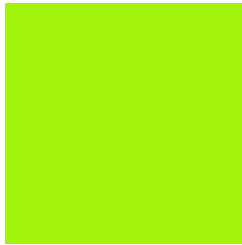
40.3400, 71.8104, 20.7498



12.7060, 22.8229, 6.3968

Previews

White Background



This preview shows how the YUV color 193.3870, -87.9448, -25.7724 looks on a white background.

Color Contrast Check

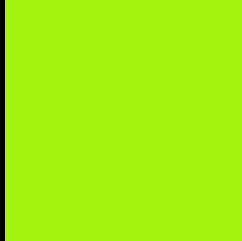
Large Text (above 18pt) WCAG AA × Fail

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 193.3870, -87.9448, -25.7724 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

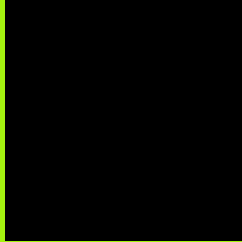
Any Text WCAG AA ✓ Pass

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 193.3870, -87.9448, -25.7724 Background



This preview shows how black text looks on a background with the YUV color 193.3870, -87.9448, -25.7724.



This preview shows how white text looks on a background with the YUV color 193.3870, -87.9448, -25.7724.

-25.7724.

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

193.3870, -87.9448, -25.7724

Protanopia

203.2920, -100.2230, 39.2089

Deuteranopia

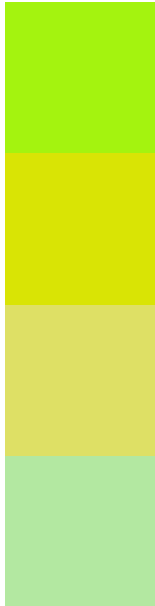
218.3760, -33.7094, 32.1192



Tritanopia

216.6900, 13.4638, -25.1611

Trichromacy



Original Color

193.3870, -87.9448, -25.7724

Protanomaly

199.2890, -95.7845, 15.5325

Deuteranomaly

209.3800, -53.4313, 11.0677

Tritanomaly

208.0590, -23.2001, -25.4847

Monochromacy



Original Color

193.3870, -87.9448, -25.7724

Achromatopsia

193.0000, 0.0000, 0.0000

Achromatomaly

192.8670, -31.9794, -9.5304

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.3870, -87.9448, -25.7724 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(164, 243, 15)` looks like.

```
.text, #text, p{  
    color:rgb(164, 243, 15)  
}
```

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(164, 243, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 243, 15) }
```

Border

The CSS property to change the border of an element to YUV 193.3870, -87.9448, -25.7724 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(164, 243, 15) }
```


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

```
.border{ border-color:rgb(164, 243, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 243, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 243, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 243, 15);  
box-shadow:4px 4px 4px 4px rgb(164, 243,  
15) }
```

Background

The CSS property to change the background color of an element to YUV 193.3870, -87.9448, -25.7724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 243, 15) }
```

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

```
.background{ background-color: rgb(164,  
243, 15) }
```

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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