

Converting Colors

YUV(187.6910, -52.1057,
-40.9480)

Have a look what the booklet for
YUV(187.6910, -52.1057, -40.9480)
contains.

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Color

**YUV(187.6910, -52.1057,
-40.9480)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 8DE852 |
| RGB | 141, 232, 82 |
| RGB Percent | 55%, 91%, 32% |
| CMY | 0.4471, 0.0902, 0.6784 |
| CMYK | 0.39, 0.00, 0.65, 0.09 |
| HSL | 96°, 77%, 62% |
| HSV | 96°, 65%, 91% |
| XYZ | 41.3641, 63.9851, 18.1529 |
| YIQ | 187.6910, -6.0860, -65.9420 |

Conversions

Conversions Part 2

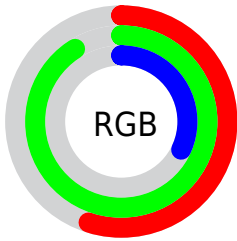
| Format | Color |
|-------------------------------------|--|
| RYB | 82, 232, 173 |
| Decimal | 9300050 |
| CIELab | 83.96, -51.95, 62.27 |
| CIELCh | 84, 81.090, 129.838 |
| Yxy | 63.9851, 0.3349, 0.5181 |
| Android (android.graphics.Color) | 4287490130 (0xFF8DE852) |
| YUV | 187.6910, -52.1057, -40.9480 |
| Hunter-Lab | 79.9907, -47.6794, 42.5384 |

Details

The YUV color **187.6910, -52.1057, -40.9480** is a light color, and the websafe version is hex **99FF66**. The color can be described as light muted chartreuse. A complement of this color would be **126.3090, 52.1057, 40.9480**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.8040, -43.2874, -22.6301**, and **129.8820, -55.1578, -41.9925** is the 20% darker color. If you saturate the color by 10%, you get **180.8830, -60.0883, -47.2554**, and if you desaturate by 10%, it is **194.4990, -44.1230, -34.6406**.

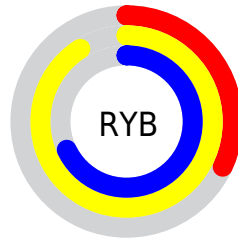
Distribution



Red (55%)

Green (91%)

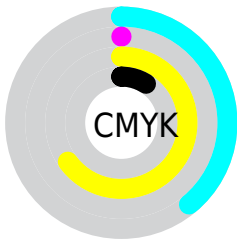
Blue (32%)



Red (32%)

Yellow (91%)

Blue (68%)

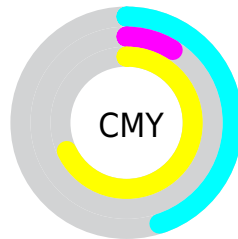


Cyan (39%)

Magenta (0%)

Yellow (65%)

Black (9%)



Cyan (45%)

Magenta (9%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.6910, -52.1057, -40.9480 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 187.6910, -52.1057, -40.9480 by changing the saturation by 10% instead.

■ 187.6910,
-52.1057, -40.9480

■ 187.6910,
-52.1057, -40.9480

■ 255.0000, 0.0000,
0.0000

■ 158.6910,
-52.1057, -40.9480

■ 224.8040,
-43.2874, -22.6301

■ 129.8820,
-55.1578, -41.9925

■ 236.9660,
-35.4792, -6.9862

■ 101.8260,
-50.2002, -45.4514

■ 248.0460,
-26.6447, 6.0987

■ 71.6140, -35.3057,
-62.8055

■ 251.3520,
-13.9775, 3.1993

■ 56.3520, -27.7815,
-49.4207

■ 254.6580, -1.3104,
0.2999

■ 41.6770, -20.5468,
-36.5507

■ 28.7630, -14.1802,

-25.2252

■ 12.9140, -6.3666,
-11.3256

■ 0.0000, 0.0000,
0.0000

■ 187.6910,
-52.1057, -40.9480

■ 187.6910,
-52.1057, -40.9480

■ 180.8830,
-60.0883, -47.2554

■ 194.4990,
-44.1230, -34.6406

■ 174.0750,
-68.0710, -53.5628

■ 201.3070,
-36.1404, -28.3332

■ 167.1530,
-76.4904, -59.7702

■ 208.2290,
-27.7209, -22.1258

■ 163.3930,
-80.5527, -63.4887

■ 215.0370,
-19.7382, -15.8184

■ 221.8450,
-11.7556, -9.5111

■ 228.6530, -3.7729,
-3.2037

■ 235.7600, 4.0623,
3.7185

■ 241.2000, 6.8034,
11.2256

■ 241.4990, 6.6560,
11.8404

Harmonies

Analogous

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



196.4270, -81.5555, 25.0585



187.6910, -52.1057, -40.9480



159.6100, -2.7657, -139.9780

Triad

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



187.6910, -52.1057, -40.9480



165.2540, 44.2448, -144.9278



176.8080, 5.0247, 68.5744

Complementary

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



187.6910, -52.1057, -40.9480



126.3090, 52.1057, 40.9480

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.



191.0170, 31.5436, 56.1131



187.6910, -52.1057, -40.9480



178.3530, 37.7870, -80.1166

Square

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



187.6910, -52.1057, -40.9480



171.7110, 41.0615, -150.5905



206.8110, 23.7572, 33.4918



180.3400, -32.2126, 65.4768

Rectangle

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



187.6910, -52.1057, -40.9480



167.4130, 19.5164, -146.8212



206.8110, 23.7572, 33.4918



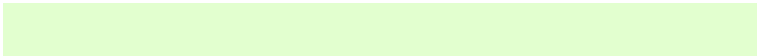
179.7720, 16.3814, 65.9750

Sweetspot

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



187.6910, -52.1057, -40.9480



240.8570, -16.6915, -13.0296



179.6800, -48.1562, 45.8846



119.1980, -10.4506, -8.0666



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.



187.6910, -52.1057, -40.9480



196.1350, -69.0866, -54.4924



171.7600, -36.8567, -78.7195



111.5390, -4.2097, -3.1037



126.0030, -62.1195, -49.1146



35.9170, -17.7071, -13.9592

Inverse Universe

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



126.3090, 52.1057, 40.9480



114.8650, 69.0866, 54.4924



142.2400, 36.8567, 78.7195



106.4610, 4.2097, 3.1037



52.6980, 62.2669, 48.4999



15.0830, 17.7071, 13.9592

Previews

White Background



This preview shows how the YUV color 187.6910, -52.1057, -40.9480 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 187.6910, -52.1057, -40.9480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

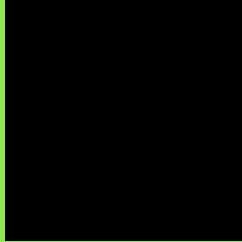
Any Text WCAG AA ✓ Pass

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 187.6910, -52.1057, -40.9480 Background



This preview shows how black text looks on a background with the YUV color 187.6910, -52.1057, -40.9480.



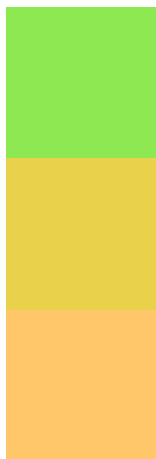
This preview shows how white text looks on a background with the YUV color 187.6910, -52.1057, -40.9480.

-40.9480.

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

187.6910, -52.1057, -40.9480

Protanopia

200.9000, -62.0687, 28.1517

Deuteranopia

205.0280, -49.3138, 43.8254



Tritanopia

203.3900, 15.0907, -33.6680

Trichromacy



Original Color

187.6910, -52.1057, -40.9480

Protanomaly

196.0710, -58.2090, 3.4457

Deuteranomaly

198.9010, -50.2372, 13.2418

Tritanomaly

197.3640, -9.0535, -36.2762

Monochromacy



Original Color

187.6910, -52.1057, -40.9480

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

187.8630, -19.1595, -14.7889

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.6910, -52.1057, -40.9480 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(141, 232, 82)` looks like.

```
.text, #text, p{  
    color:rgb(141, 232, 82)  
}
```

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(141, 232, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 232, 82) }
```

Border

The CSS property to change the border of an element to YUV 187.6910, -52.1057, -40.9480 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(141, 232, 82) }
```


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

```
.border{ border-color:rgb(141, 232, 82) }
```

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

Here you see how a box with a 4 pixel rgb(141, 232, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 232, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 232, 82);  
box-shadow:4px 4px 4px 4px rgb(141, 232,  
82) }
```

Background

The CSS property to change the background color of an element to YUV 187.6910, -52.1057, -40.9480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 232, 82) }
```

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

```
.background{ background-color: rgb(141,  
232, 82) }
```

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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