

Converting Colors

YUV(218.5120, -40.1854,
9.1980)

Have a look what the booklet for
YUV(218.5120, -40.1854, 9.1980)
contains.

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Color

**YUV(218.5120, -40.1854,
9.1980)**

Conversions

Conversions Part 1

Format	Color
Hex	E5E589
RGB	229, 229, 137
RGB Percent	90%, 90%, 54%
CMY	0.1020, 0.1020, 0.4627
CMYK	0.00, 0.00, 0.40, 0.10
HSL	60°, 64%, 72%
HSV	60°, 40%, 90%
XYZ	64.8478, 74.5028, 34.6295
YIQ	218.5120, 29.5320, -28.6120

Conversions

Conversions Part 2

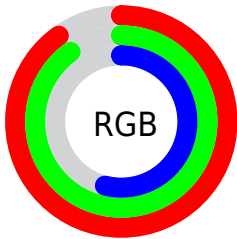
Format	Color
RYB	137, 229, 137
Decimal	15066505
CIELab	89.16, -13.10, 44.79
CIELCh	89, 46.668, 106.305
Yxy	74.5028, 0.3727, 0.4282
Android (android.graphics.Color)	4293256585 (0xFFE5E589)
YUV	218.5120, -40.1854, 9.1980
Hunter-Lab	86.3150, -16.9456, 36.6334

Details

The YUV color $218.5120, -40.1854, 9.1980$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $147.4880, 40.1854, -9.1980$, and the grayscale version is $219.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $247.8180, -27.5183, 6.2986$, and $163.2560, -38.5802, 7.6685$ is the 20% darker color. If you saturate the color by 10%, you get $215.8900, -50.2318, 11.4975$, and if you desaturate by 10%, it is $221.1340, -30.1391, 6.8985$.

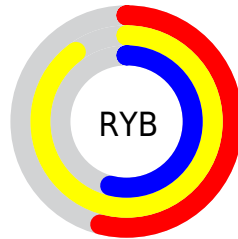
Distribution



Red (90%)

Green (90%)

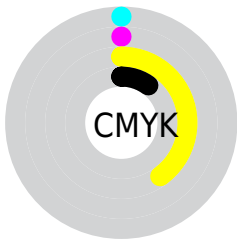
Blue (54%)



Red (54%)

Yellow (90%)

Blue (54%)

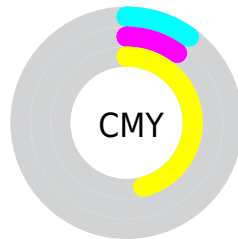


Cyan (0%)

Magenta (0%)

Yellow (40%)

Black (10%)



Cyan (10%)

Magenta (10%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 218.5120, -40.1854, 9.1980 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 218.5120, -40.1854, 9.1980 by changing the saturation by 10% instead.

■ 218.5120,
-40.1854, 9.1980

■ 218.5120,
-40.1854, 9.1980

■ 255.0000, 0.0000,
0.0000

■ 190.4410,
-39.1644, 8.3832

■ 247.8180,
-27.5183, 6.2986

■ 163.2560,
-38.5802, 7.6685

■ 251.0100,
-15.2879, 3.4992

■ 136.1850,
-37.5592, 6.8538

■ 254.3160, -2.6208,
0.5999

■ 110.1850,
-37.5592, 6.8538

■ 84.6040, -39.7378,
5.6093

■ 62.5850, -30.8544,
2.9950

■ 42.1960, -20.8026,

-1.0489

■ 22.3940, -11.0402,
-5.6075

■ 0.0000, 0.0000,
0.0000

■ 218.5120,
-40.1854, 9.1980

■ 218.5120,
-40.1854, 9.1980

■ 215.8900,
-50.2318, 11.4975

■ 221.1340,
-30.1391, 6.8985

■ 213.2680,
-60.2781, 13.7970

■ 223.7560,
-20.0927, 4.5990

■ 210.6460,
-70.3245, 16.0965

■ 226.3780,
-10.0464, 2.2995

■ 208.0240,
-80.3708, 18.3960

■ 229.0000, 0.0000,
0.0000

■ 205.4020,
-90.4172, 20.6954

■ 231.5080, 9.6096,
-2.1995

■ 202.8940,
-100.0267, 22.8950

■ 231.9640, 11.3567,
-2.5994

Harmonies

Analogous

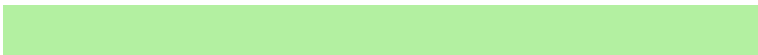
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



217.4810, -39.6771, 32.9042



218.5120, -40.1854, 9.1980



212.7550, -25.5152, -29.6031

Triad

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



218.5120, -40.1854, 9.1980



183.3610, 35.3180, -128.3586



216.9930, 14.3005, 33.3321

Complementary

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



218.5120, -40.1854, 9.1980



147.4880, 40.1854, -9.1980

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.



225.0630, 14.7589, 26.2547



218.5120, -40.1854, 9.1980



202.9060, 25.6823, -70.9546

Square

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



218.5120, -40.1854, 9.1980



189.5810, 28.3076, -119.7815



217.7110, 18.3835, -16.4095



210.6890, -4.7767, 38.8607

Rectangle

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



218.5120, -40.1854, 9.1980



207.2920, -10.0040, -58.1381



217.7110, 18.3835, -16.4095



219.7800, 17.3635, 30.8879

Sweetspot

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



218.5120, -40.1854, 9.1980



251.4660, -13.5407, 3.0993



164.5080, -13.5614, 56.5595



125.9480, -7.8624, 1.7996



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.



218.5120, -40.1854, 9.1980



241.0920, -53.2894, 12.1973



204.7580, -33.4047, -19.0818



113.6320, -5.2416, 1.1997



158.5940, -78.1868, 17.8961



45.1860, -22.2767, 5.0989

Inverse Universe

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



147.4880, 40.1854, -9.1980



146.9080, 53.2894, -12.1973



161.2420, 33.4047, 19.0818



104.3680, 5.2416, -1.1997



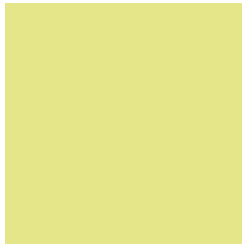
20.4060, 78.1868, -17.8961



5.8140, 22.2767, -5.0989

Previews

White Background



This preview shows how the YUV color 218.5120, -40.1854, 9.1980 looks on a white background.

Color Contrast Check

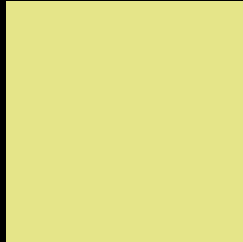
Large Text (above 18pt) WCAG AA × Fail

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 218.5120, -40.1854, 9.1980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

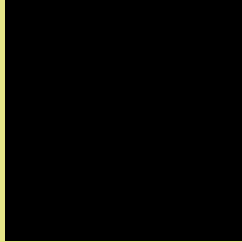
Any Text WCAG AA ✓ Pass

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 218.5120, -40.1854, 9.1980 Background



This preview shows how black text looks on a background with the YUV color 218.5120, -40.1854, 9.1980.



This preview shows how white text looks on a background with the YUV color 218.5120, -40.1854, 9.1980.

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

218.5120, -40.1854, 9.1980

Protanopia

220.1330, -41.9706, 21.8084

Deuteranopia

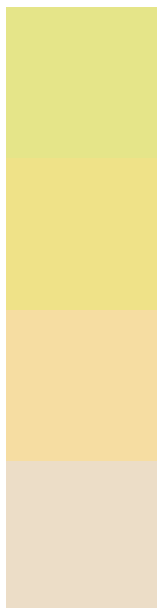
223.6880, -23.5102, 27.4606



Tritanopia

225.8150, 4.0352, 12.4402

Trichromacy



Original Color

218.5120, -40.1854, 9.1980

Protanomaly

219.6270, -41.2281, 16.9901

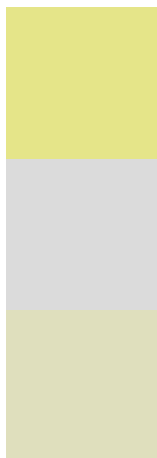
Deuteranomaly

221.7490, -29.4563, 21.2681

Tritanomaly

222.9770, -11.8207, 11.4212

Monochromacy



Original Color

218.5120, -40.1854, 9.1980

Achromatopsia

219.0000, 0.0000, 0.0000

Achromatomaly

219.1240, -14.8511, 3.3993

CSS Examples

Text

The CSS property to change the color of the text to YUV 218.5120, -40.1854, 9.1980 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(229, 229, 137)` looks like.

```
.text, #text, p{  
    color:rgb(229, 229, 137)  
}
```

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(229, 229, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 229, 137) }
```

Border

The CSS property to change the border of an element to YUV 218.5120, -40.1854, 9.1980 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(229, 229, 137) }
```


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

```
.border{ border-color:rgb(229, 229, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 229, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 229, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 229, 137);  
box-shadow:4px 4px 4px 4px rgb(229, 229,  
137) }
```

Background

The CSS property to change the background color of an element to YUV 218.5120, -40.1854, 9.1980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 229, 137) }
```

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

```
.background{ background-color: rgb(229,  
229, 137) }
```

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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