

Converting Colors

YUV(180.7980, -44.2704,
-34.0258)

Have a look what the booklet for
YUV(180.7980, -44.2704, -34.0258)
contains.

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Color

**YUV(180.7980, -44.2704,
-34.0258)**

Conversions

Conversions Part 1

Format	Color
Hex	8EDA5B
RGB	142, 218, 91
RGB Percent	56%, 85%, 36%
CMY	0.4431, 0.1451, 0.6431
CMYK	0.35, 0.00, 0.58, 0.15
HSL	96°, 63%, 61%
HSV	96°, 58%, 85%
XYZ	38.1151, 56.6489, 18.8230
YIQ	180.7980, -4.5290, -55.6090

Conversions

Conversions Part 2

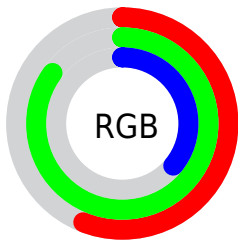
Format	Color
RYB	91, 218, 167
Decimal	9362011
CIELab	79.98, -45.00, 54.07
CIELCh	80, 70.348, 129.768
Yxy	56.6489, 0.3356, 0.4987
Android (android.graphics.Color)	4287552091 (0xFF8EDA5B)
YUV	180.7980, -44.2704, -34.0258
Hunter-Lab	75.2655, -41.3207, 37.8581

Details

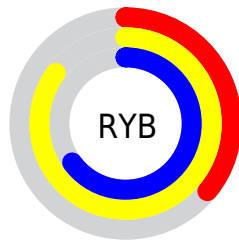
The YUV color **180.7980, -44.2704, -34.0258** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **128.2020, 44.2704, 34.0258**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.7160, -39.7930, -23.4299**, and **124.9120, -43.8336, -34.1258** is the 20% darker color. If you saturate the color by 10%, you get **174.4030, -51.9637, -39.8184**, and if you desaturate by 10%, it is **187.1930, -36.5771, -28.2333**.

Distribution



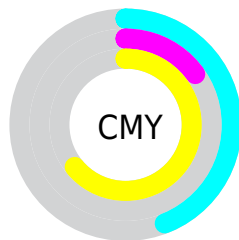
- Red (56%)
- Green (85%)
- Blue (36%)



- Red (36%)
- Yellow (85%)
- Blue (65%)



- Cyan (35%)
- Magenta (0%)
- Yellow (58%)
- Black (15%)



- Cyan (44%)
- Magenta (15%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.7980, -44.2704, -34.0258 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 180.7980, -44.2704, -34.0258 by changing the saturation by 10% instead.

■ 180.7980,
-44.2704, -34.0258

■ 180.7980,
-44.2704, -34.0258

255.0000, 0.0000,
0.0000

■ 152.9120,
-43.8336, -34.1258

■ 225.7160,
-39.7930, -23.4299

■ 124.9120,
-43.8336, -34.1258

■ 237.8780,
-31.9849, -7.7860

■ 96.8750, -47.7594,
-34.9704

■ 248.8440,
-23.5871, 5.3988

■ 71.4470, -35.2234,
-42.4880

■ 252.1500,
-10.9200, 2.4994

■ 49.8950, -24.5982,
-43.7579

■ 35.8070, -17.6529,
-31.4027

■ 23.4800, -11.5756,

-20.5920

■ 0.0000, 0.0000,
0.0000

■ 180.7980,
-44.2704, -34.0258

■ 180.7980,
-44.2704, -34.0258

■ 174.4030,
-51.9637, -39.8184

■ 187.1930,
-36.5771, -28.2333

■ 168.0080,
-59.6569, -45.6110

■ 193.5880,
-28.8839, -22.4407

■ 161.7270,
-66.9134, -51.5036

■ 199.8690,
-21.6274, -16.5481

■ 155.3320,
-74.6067, -57.2962

■ 206.2640,
-13.9342, -10.7555

■ 154.2780,
-76.0591, -58.1258

■ 212.6590, -6.2409,
-4.9629

■ 219.0540, 1.4524,
0.8296

■ 225.4490, 9.1456,
6.6222

■ 230.5900, 12.0341,
13.5146

■ 233.2810, 10.7075,
19.0476

Harmonies

Analogous

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



188.6450, -65.3940, 21.3593



180.7980, -44.2704, -34.0258



150.3490, -0.1721, -131.8561

Triad

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



180.7980, -44.2704, -34.0258



157.0360, 48.2963, -137.7206



177.6570, 0.6621, 67.8298

Complementary

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



180.7980, -44.2704, -34.0258



128.2020, 44.2704, 34.0258

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.



189.8770, 27.1756, 57.1129



180.7980, -44.2704, -34.0258



177.5880, 38.1641, -61.0287

Square

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



180.7980, -44.2704, -34.0258



162.9060, 45.4023, -142.8686



198.8040, 27.7046, 27.3589



179.3940, -30.7602, 66.3065

Rectangle

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



180.7980, -44.2704, -34.0258



157.3540, 19.0525, -137.9995



198.8040, 27.7046, 27.3589



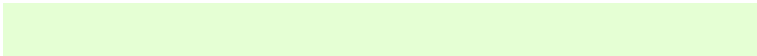
180.2790, 10.7085, 65.5303

Sweetspot

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



180.7980, -44.2704, -34.0258



242.3240, -14.9497, -11.6851



172.4110, -40.1356, 39.9816



120.2520, -8.9982, -7.2370



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.



180.7980, -44.2704, -34.0258



202.7150, -61.9775, -47.9851



166.8030, -31.9479, -66.4792



106.6530, -3.7729, -3.2037



122.4810, -60.3831, -46.0258



32.3840, -15.9653, -12.6148

Inverse Universe

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



128.2020, 44.2704, 34.0258



128.9860, 62.1249, 47.3703



142.1970, 31.9479, 66.4792



102.0480, 3.9203, 2.5889



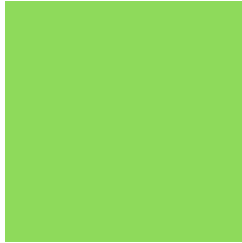
50.8180, 60.2357, 46.6406



13.3170, 16.1127, 12.0000

Previews

White Background



This preview shows how the YUV color 180.7980, -44.2704, -34.0258 looks on a white background.

Color Contrast Check

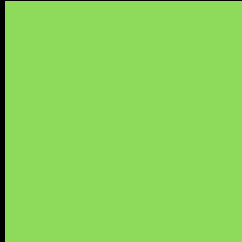
Large Text (above 18pt) WCAG AA × Fail

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 180.7980, -44.2704, -34.0258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

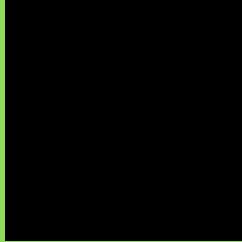
Any Text WCAG AA ✓ Pass

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 180.7980, -44.2704, -34.0258 Background



This preview shows how black text looks on a background with the YUV color 180.7980, -44.2704, -34.0258.



This preview shows how white text looks on a background with the YUV color 180.7980, -44.2704, -34.0258.

-34.0258.

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

180.7980, -44.2704, -34.0258

Protanopia

191.3970, -52.4537, 24.2078

Deuteranopia

194.2990, -46.9824, 42.7108



Tritanopia

193.9670, 13.3273, -28.0351

Trichromacy



Original Color

180.7980, -44.2704, -34.0258

Protanomaly

187.3620, -49.4785, 3.1905

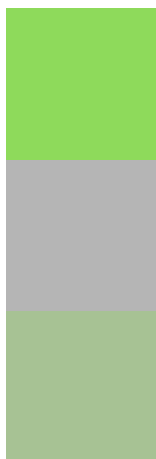
Deuteranomaly

189.3510, -46.0220, 14.6012

Tritanomaly

189.4510, -7.6173, -30.2135

Monochromacy



Original Color

180.7980, -44.2704, -34.0258

Achromatopsia

181.0000, 0.0000, 0.0000

Achromatomaly

180.6830, -16.1127, -12.0000

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.7980, -44.2704, -34.0258 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(142, 218, 91)` looks like.

```
.text, #text, p{  
    color:rgb(142, 218, 91)  
}
```

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(142, 218, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 218, 91) }
```

Border

The CSS property to change the border of an element to YUV 180.7980, -44.2704, -34.0258 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(142, 218, 91) }
```


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

```
.border{ border-color:rgb(142, 218, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 218, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 218, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 218, 91);  
box-shadow:4px 4px 4px 4px rgb(142, 218,  
91) }
```

Background

The CSS property to change the background color of an element to YUV 180.7980, -44.2704, -34.0258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 218, 91) }
```

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

```
.background{ background-color: rgb(142,  
218, 91) }
```

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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