

Converting Colors

YUV(182.3080, -47.9728,
-59.9061)

Have a look what the booklet for
YUV(182.3080, -47.9728, -59.9061)
contains.

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Color

**YUV(182.3080, -47.9728,
-59.9061)**

Conversions

Conversions Part 1

Format	Color
Hex	72EC55
RGB	114, 236, 85
RGB Percent	45%, 93%, 33%
CMY	0.5529, 0.0745, 0.6667
CMYK	0.52, 0.00, 0.64, 0.07
HSL	108°, 80%, 63%
HSV	108°, 64%, 93%
XYZ	38.5746, 64.2242, 18.9577
YIQ	182.3080, -24.2410, -72.8250

Conversions

Conversions Part 2

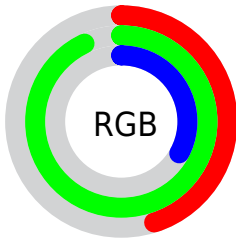
Format	Color
RYB	85, 236, 207
Decimal	7531605
CIELab	84.08, -61.20, 60.88
CIELCh	84, 86.321, 135.152
Yxy	64.2242, 0.3168, 0.5275
Android (android.graphics.Color)	4285721685 (0xFF72EC55)
YUV	182.3080, -47.9728, -59.9061
Hunter-Lab	80.1400, -54.3258, 42.0725

Details

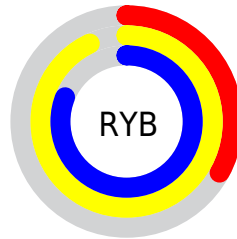
The YUV color **182.3080, -47.9728, -59.9061** is a dark color, and the websafe version is hex **99FF66**. The color can be described as middle muted chartreuse. A complement of this color would be **138.6920, 47.9728, 59.9061**, and the grayscale version is **183.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.6710, -38.2918, -38.2995**, and **121.4490, -48.5354, -66.1688** is the 20% darker color. If you saturate the color by 10%, you get **173.8910, -55.6553, -69.1874**, and if you desaturate by 10%, it is **190.7250, -40.2904, -50.6248**.

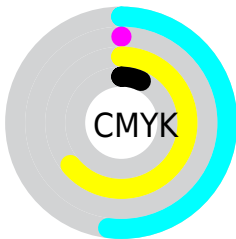
Distribution



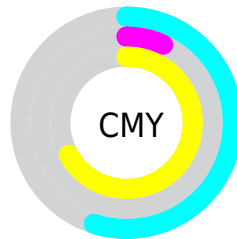
- Red (45%)
- Green (93%)
- Blue (33%)



- Red (33%)
- Yellow (93%)
- Blue (81%)



- Cyan (52%)
- Magenta (0%)
- Yellow (64%)
- Black (7%)



- Cyan (55%)
- Magenta (7%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 182.3080, -47.9728, -59.9061 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 182.3080, -47.9728, -59.9061 by changing the saturation by 10% instead.

■ 182.3080,
-47.9728, -59.9061

■ 182.3080,
-47.9728, -59.9061

255.0000, 0.0000,
0.0000

■ 152.5250,
-47.0938, -61.8504

■ 217.6710,
-38.2918, -38.2995

■ 121.4490,
-48.5354, -66.1688

■ 229.8330,
-30.4837, -22.6555

■ 89.2240, -43.9874,
-78.2494

■ 242.4080,
-22.3861, -6.4968

■ 73.3750, -36.1739,
-64.3499

■ 251.6940,
-12.6671, 2.8994

■ 58.1130, -28.6497,
-50.9651

■ 42.8510, -21.1255,
-37.5803

■ 29.9370, -14.7589,

-26.2547

■ 13.5010, -6.6560,
-11.8404

■ 0.0000, 0.0000,
0.0000

■ 182.3080,
-47.9728, -59.9061

■ 182.3080,
-47.9728, -59.9061

■ 173.8910,
-55.6553, -69.1874

■ 190.7250,
-40.2904, -50.6248

■ 165.5880,
-62.9009, -78.5687

■ 199.0280,
-33.0448, -41.2436

■ 157.1710,
-70.5833, -87.8500

■ 207.4450,
-25.3624, -31.9623

■ 151.9870,
-74.9296, -93.8276

■ 215.7480,
-18.1168, -22.5810

■ 224.1650,
-10.4343, -13.2997

■ 232.5820, -2.7519,
-4.0184

■ 240.8850, 4.4937,
5.3629

■ 243.8470, 5.4984,
9.7812

Harmonies

Analogous

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



191.6420, -94.4795, 16.9770



182.3080, -47.9728, -59.9061



162.6250, 1.1709, -142.6221

Triad

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



182.3080, -47.9728, -59.9061



164.0800, 44.8236, -143.8982



171.5760, 0.2090, 73.1628

Complementary

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



182.3080, -47.9728, -59.9061



138.6920, 47.9728, 59.9061

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.



184.4460, 34.2901, 61.8759



182.3080, -47.9728, -59.9061



184.6870, 34.6643, -58.4845

Square

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



182.3080, -47.9728, -59.9061



172.2980, 40.7721, -151.1053



204.5180, 24.8876, 44.2727



178.7610, -40.8012, 66.8616

Rectangle

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



182.3080, -47.9728, -59.9061



170.2970, 25.4896, -149.3505



204.5180, 24.8876, 44.2727



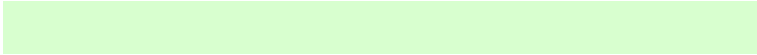
172.8930, 12.8708, 72.0078

Sweetspot

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



182.3080, -47.9728, -59.9061



237.8670, -15.2174, -19.1774



201.1760, -57.2748, 30.5406



117.4040, -9.5662, -11.7553



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.



182.3080, -47.9728, -59.9061



185.1150, -62.1747, -78.1539



178.7670, -24.0421, -82.2337



113.0550, -3.4781, -4.4332



116.7120, -57.5390, -71.6614



34.6880, -17.1012, -21.6514

Inverse Universe

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



138.6920, 47.9728, 59.9061



128.5860, 62.3221, 77.5391



142.2330, 24.0421, 82.2337



109.9450, 3.4781, 4.4332



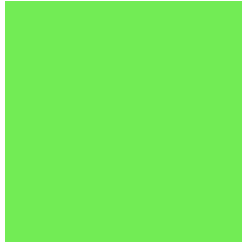
64.2880, 57.5390, 71.6614



19.0130, 17.2486, 21.0366

Previews

White Background



This preview shows how the YUV color 182.3080, -47.9728, -59.9061 looks on a white background.

Color Contrast Check

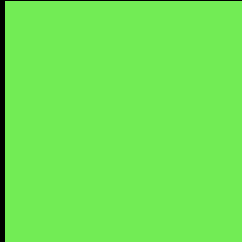
Large Text (above 18pt) WCAG AA × Fail

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 182.3080, -47.9728, -59.9061 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 182.3080, -47.9728, -59.9061 Background



This preview shows how black text looks on a background with the YUV color 182.3080, -47.9728, -59.9061.



This preview shows how white text looks on a background with the YUV color 182.3080, -47.9728, -59.9061.

-59.9061.

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

182.3080, -47.9728, -59.9061

Protanopia

200.8290, -61.0477, 27.3370

Deuteranopia

205.1420, -48.8770, 43.7255



Tritanopia

200.0290, 19.2127, -49.1374

Trichromacy



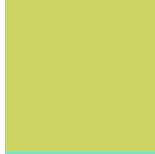
Original Color

182.3080, -47.9728, -59.9061



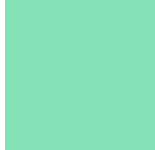
Protanomaly

194.1840, -56.2927, -4.5464



Deuteranomaly

196.6120, -48.6157, 6.4793



Tritanomaly

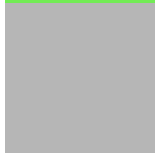
193.2910, -5.0735, -52.8752

Monochromacy



Original Color

182.3080, -47.9728, -59.9061



Achromatopsia

182.0000, 0.0000, 0.0000



Achromatomaly

182.2750, -17.3906, -22.1662

CSS Examples

Text

The CSS property to change the color of the text to YUV 182.3080, -47.9728, -59.9061 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(114, 236, 85)` looks like.

```
.text, #text, p{  
    color:rgb(114, 236, 85)  
}
```

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(114, 236, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 236, 85) }
```

Border

The CSS property to change the border of an element to YUV 182.3080, -47.9728, -59.9061 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(114, 236, 85) }
```


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

```
.border{ border-color:rgb(114, 236, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 236, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 236, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 236, 85);  
box-shadow:4px 4px 4px 4px rgb(114, 236,  
85) }
```

Background

The CSS property to change the background color of an element to YUV 182.3080, -47.9728, -59.9061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 236, 85) }
```

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

```
.background{ background-color: rgb(114,  
236, 85) }
```

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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