

Converting Colors

YUV(139.1110, 48.7523,
-3.6053)

Have a look what the booklet for
YUV(139.1110, 48.7523, -3.6053)
contains.

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Color

**YUV(139.1110, 48.7523,
-3.6053)**

Conversions

Conversions Part 1

Format	Color
Hex	877AEE
RGB	135, 122, 238
RGB Percent	53%, 48%, 93%
CMY	0.4706, 0.5216, 0.0667
CMYK	0.43, 0.49, 0.00, 0.07
HSL	247°, 77%, 71%
HSV	247°, 49%, 93%
XYZ	32.3838, 25.2430, 84.0545
YIQ	139.1110, -29.4880, 38.8320

Conversions

Conversions Part 2

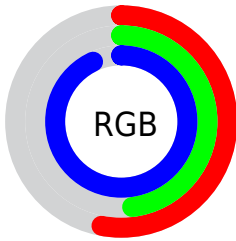
Format	Color
R _Y B	135, 122, 238
Decimal	8878830
CIE Lab	57.31, 33.22, -57.07
CIE LCh	57, 66.036, 300.206
Yxy	25.2430, 0.2286, 0.1782
Android (android.graphics.Color)	4287068910 (0xFF877AEE)
YUV	139.1110, 48.7523, -3.6053
Hunter-Lab	50.2424, 27.1282, -64.0212

Details

The YUV color **139.1110, 48.7523, -3.6053** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **220.8890, -48.7523, 3.6053**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.5020, 32.2905, 3.0677**, and **86.5080, 46.5846, -8.3385** is the 20% darker color. If you saturate the color by 10%, you get **118.7440, 58.7932, -4.1605**, and if you desaturate by 10%, it is **159.4780, 38.7113, -3.0502**.

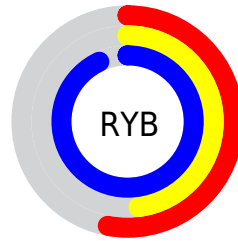
Distribution



Red (53%)

Green (48%)

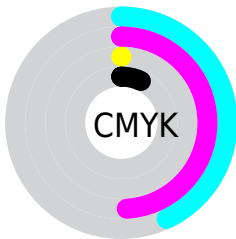
Blue (93%)



Red (53%)

Yellow (48%)

Blue (93%)

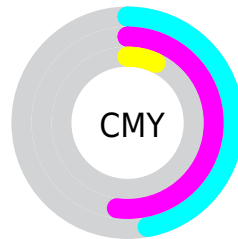


Cyan (43%)

Magenta (49%)

Yellow (0%)

Black (7%)



Cyan (47%)

Magenta (52%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 139.1110, 48.7523, -3.6053 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 139.1110, 48.7523, -3.6053 by changing the saturation by 10% instead.

■ 139.1110, 48.7523,
-3.6053

■ 139.1110, 48.7523,
-3.6053

255.0000, 0.0000,
0.0000

■ 112.4590, 47.5947,
-5.6645

■ 189.5020, 32.2905,
3.0677

■ 86.5080, 46.5846,
-8.3385

■ 214.0220, 20.2022,
6.9967

■ 60.6600, 46.0166,
-12.8568

■ 239.4280, 7.6770,
11.0256

■ 31.5010, 47.0810,
-27.6264

■ 16.9110, 41.9489,
-14.8309

■ 8.7780, 33.6334,
-7.6983

■ 8.9770, 21.7033,

-7.8728

■ 4.7080, 12.9620,
-4.1289

■ 0.2280, 0.8736,
-0.2000

■ 139.1110, 48.7523,
-3.6053

■ 139.1110, 48.7523,
-3.6053

■ 118.7440, 58.7932,
-4.1605

■ 159.4780, 38.7113,
-3.0502

■ 98.3770, 68.8341,
-4.7156

■ 179.8450, 28.6704,
-2.4951

■ 78.5970, 78.5857,
-5.7856

■ 199.6250, 18.9189,
-1.4251

■ 57.9310, 88.7740,
-6.9555

■ 220.2910, 8.7305,
-0.2552

■ 37.5640, 98.8149,
-7.5106

■ 240.6580, -1.3104,
0.2999

■ 35.2050, 99.9779,
-7.1958

■ 253.0620, -7.4256,
1.6996

Harmonies

Analogous

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



113.4840, 69.2744, -99.5255



139.1110, 48.7523, -3.6053



139.1160, 28.0438, 58.6573

Triad

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



139.1110, 48.7523, -3.6053



131.7690, -49.6791, 67.7316



111.7720, 11.9444, -98.0240

Complementary

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



139.1110, 48.7523, -3.6053



220.8890, -48.7523, 3.6053

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.



102.6980, -12.6691, -90.0661



139.1110, 48.7523, -3.6053



128.2810, -63.2425, 31.3256

Square

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



139.1110, 48.7523, -3.6053



131.0950, -23.7108, 92.0017



122.6820, -51.6082, -13.7531



117.7970, 37.5681, -103.3080

Rectangle

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



139.1110, 48.7523, -3.6053



134.1550, 12.2486, 84.9331



122.6820, -51.6082, -13.7531



108.9050, 3.4978, -95.5097

Sweetspot

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



139.1110, 48.7523, -3.6053



222.5280, 16.0087, -1.3401



196.2720, 20.5719, -65.1365



108.2200, 9.7515, -1.0699



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.



139.1110, 48.7523, -3.6053



128.9550, 62.1402, -4.3455



156.1540, 40.3501, 31.4369



109.6670, 5.0942, -0.5850



27.2550, 77.2753, -5.4856



8.1780, 23.5762, -1.9101

Inverse Universe

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



168.4260, 27.8910, 61.0164



166.1860, 35.4043, 77.8899



203.8460, -40.3501, -31.4369



112.8420, 3.0359, 6.2776



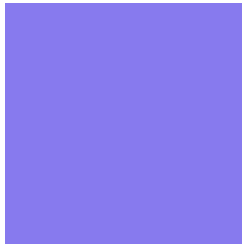
73.5980, 44.0752, 96.8226



22.4440, 13.5851, 29.4286

Previews

White Background



This preview shows how the YUV color 139.1110, 48.7523, -3.6053 looks on a white background.

Color Contrast Check

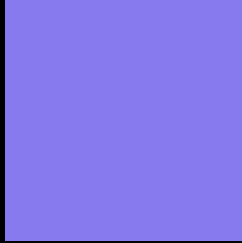
Large Text (above 18pt) WCAG AA ✓ Pass

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 139.1110, 48.7523, -3.6053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

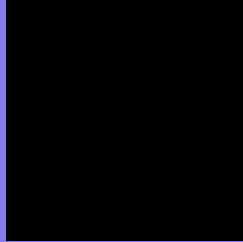
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 139.1110, 48.7523, -3.6053

Background



This preview shows how black text looks on a background with the YUV color 139.1110, 48.7523, -3.6053.



This preview shows how white text looks on a background with the YUV color 139.1110, 48.7523, -3.6053.

-3.6053.

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

139.1110, 48.7523, -3.6053

Protanopia

130.9640, 58.1917, -44.6954

Deuteranopia

128.0030, 52.2565, -54.3766



Tritanopia

134.5830, 9.0796, -18.9283

Trichromacy



Original Color

139.1110, 48.7523, -3.6053

Protanomaly

134.1400, 54.6540, -29.9408

Deuteranomaly

132.0700, 50.7445, -36.0184

Tritanomaly

136.4000, 23.4668, -13.5058

Monochromacy



Original Color

139.1110, 48.7523, -3.6053

Achromatopsia

139.0000, 0.0000, 0.0000

Achromatomaly

139.2830, 17.6085, -1.1252

CSS Examples

Text

The CSS property to change the color of the text to YUV 139.1110, 48.7523, -3.6053 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(135, 122, 238)` looks like.

```
.text, #text, p{  
    color:rgb(135, 122, 238)  
}
```

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(135, 122, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 122, 238) }
```

Border

The CSS property to change the border of an element to YUV 139.1110, 48.7523, -3.6053 is called "border". The border property can be set on classes, ids or directly on the HTML element.

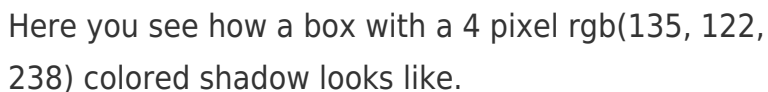
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(135, 122, 238) }
```


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

```
.border{ border-color:rgb(135, 122, 238) }
```

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



Here you see how a box with a 4 pixel `rgb(135, 122, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 122, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 122, 238); box-shadow:4px 4px 4px 4px rgb(135, 122, 238) }
```

Background

The CSS property to change the background color of an element to YUV 139.1110, 48.7523, -3.6053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 122, 238) }
```

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

```
.background{ background-color: rgb(135,  
122, 238) }
```

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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