

Converting Colors

YUV(178.8350, -39.8517,
42.2407)

Have a look what the booklet for
YUV(178.8350, -39.8517, 42.2407)
contains.

YUV(178.8350, -39.8517, 42.2407)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(178.8350, -39.8517,
42.2407)**

Conversions

Conversions Part 1

Format	Color
Hex	E3AA62
RGB	227, 170, 98
RGB Percent	89%, 67%, 38%
CMY	0.1098, 0.3333, 0.6157
CMYK	0.00, 0.25, 0.57, 0.11
HSL	33°, 70%, 64%
HSV	33°, 57%, 89%
XYZ	48.2579, 45.9622, 17.8834
YIQ	178.8350, 57.0840, -10.3080

Conversions

Conversions Part 2

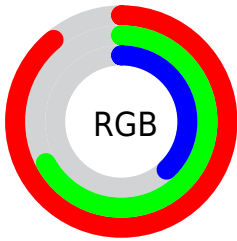
Format	Color
R _Y B	200, 227, 98
Decimal	14920290
CIE Lab	73.52, 13.02, 44.82
CIE LCh	74, 46.670, 73.804
Yxy	45.9622, 0.4305, 0.4100
Android (android.graphics.Color)	4293110370 (0xFFE3AA62)
YUV	178.8350, -39.8517, 42.2407
Hunter-Lab	67.7954, 8.4172, 31.8170

Details

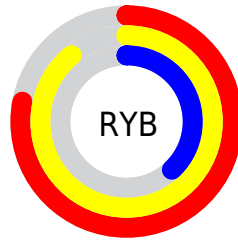
The YUV color **178.8350, -39.8517, 42.2407** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **146.1650, 39.8517, -42.2407**, and the grayscale version is **179.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.4200, -37.1821, 25.9417**, and **124.9700, -37.9462, 37.7373** is the 20% darker color. If you saturate the color by 10%, you get **170.3430, -47.0041, 49.6882**, and if you desaturate by 10%, it is **187.3270, -32.6992, 34.7932**.

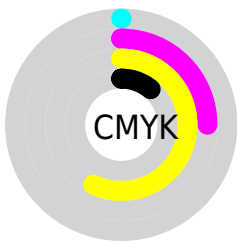
Distribution



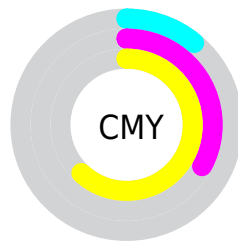
- Red (89%)
- Green (67%)
- Blue (38%)



- Red (78%)
- Yellow (89%)
- Blue (38%)



- Cyan (0%)
- Magenta (25%)
- Yellow (57%)
- Black (11%)



- Cyan (11%)
- Magenta (33%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.8350, -39.8517, 42.2407 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 178.8350, -39.8517, 42.2407 by changing the saturation by 10% instead.

178.8350,
-39.8517, 42.2407

178.8350,
-39.8517, 42.2407

255.0000, 0.0000,
0.0000

151.7530,
-38.8252, 39.6816

225.4200,
-37.1821, 25.9417

124.9700,
-37.9462, 37.7373

245.6350,
-33.3441, 8.2131

99.0730, -37.5040,
35.8930

249.3000,
-21.8399, 4.9989

74.5780, -36.7670,
32.8191

252.6060, -9.1728,
2.0995

53.0040, -26.1310,
28.0605

32.6040, -16.0738,
22.2723

11.3400, -5.5906,

19.8728

■ 0.0000, 0.0000,
0.0000

■ 178.8350,
-39.8517, 42.2407

■ 178.8350,
-39.8517, 42.2407

■ 170.3430,
-47.0041, 49.6882

■ 187.3270,
-32.6992, 34.7932

■ 161.9650,
-53.7197, 57.0357

■ 195.7050,
-25.9836, 27.4457

■ 153.4730,
-60.8722, 64.4832

■ 204.1970,
-18.8311, 19.9982

■ 144.9810,
-68.0246, 71.9307

■ 212.6890,
-11.6787, 12.5507

■ 142.4220,
-70.2140, 74.1749

■ 221.0670, -4.9630,
5.2032

■ 229.5590, 2.1894,
-2.2442

■ 237.8230, 8.4683,
-9.4918

■ 243.6930, 5.5744,
-14.6398

■ 246.6280, 4.1274,
-17.2138

Harmonies

Analogous

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



180.9530, -28.5708, 64.0622



178.8350, -39.8517, 42.2407



175.0500, -39.4647, 11.3571

Triad

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



178.8350, -39.8517, 42.2407



141.9610, 28.6132, -124.4998



185.5860, 28.3051, 21.4111

Complementary

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



178.8350, -39.8517, 42.2407



146.1650, 39.8517, -42.2407

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.



177.8080, 38.0557, -26.1416



178.8350, -39.8517, 42.2407



144.6460, 46.5165, -126.8545

Square

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



178.8350, -39.8517, 42.2407



159.5770, -2.2565, -69.7890



157.3220, 48.1553, -92.3674



185.3980, 10.1568, 55.7790

Rectangle

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



178.8350, -39.8517, 42.2407



171.8450, -31.9686, -13.0191



157.3220, 48.1553, -92.3674



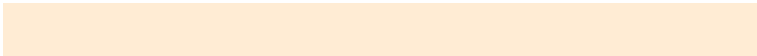
184.1650, 33.4427, 6.8713

Sweetspot

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



178.8350, -39.8517, 42.2407



238.9450, -13.2839, 14.0802



143.1830, 6.3188, 73.5075



117.9920, -7.8841, 8.7770



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.



178.8350, -39.8517, 42.2407



190.0790, -53.2829, 56.9357



210.5000, -55.4625, 9.2085



110.6970, -3.7946, 3.7737



112.2210, -55.3250, 58.5652



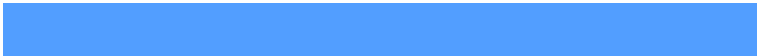
31.6850, -15.6207, 16.9393

Inverse Universe

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



146.1650, 39.8517, -42.2407



146.3340, 53.5723, -56.4209



114.5000, 55.4625, -9.2085



107.3030, 3.7946, -3.7737



66.7790, 55.3250, -58.5652



19.3150, 15.6207, -16.9393

Previews

White Background



This preview shows how the YUV color 178.8350, -39.8517, 42.2407 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 178.8350, -39.8517, 42.2407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

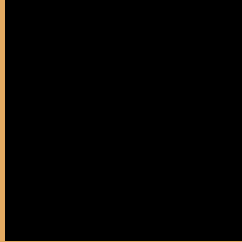
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 178.8350, -39.8517, 42.2407

Background



This preview shows how black text looks on a background with the YUV color 178.8350, -39.8517, 42.2407.



This preview shows how white text looks on a background with the YUV color 178.8350, -39.8517,

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

178.8350, -39.8517, 42.2407

Protanopia

177.3760, -37.1604, 18.9642

Deuteranopia

178.1010, -39.9828, 37.6224



Tritanopia

183.8960, -5.3717, 43.0642

Trichromacy



Original Color

178.8350, -39.8517, 42.2407

Protanomaly

177.9040, -37.9137, 27.2712

Deuteranomaly

178.1120, -39.9882, 39.3668

Tritanomaly

181.9810, -17.7386, 42.9897

Monochromacy



Original Color

178.8350, -39.8517, 42.2407

Achromatopsia

179.0000, 0.0000, 0.0000

Achromatomaly

179.0160, -14.3049, 14.8950

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.8350, -39.8517, 42.2407 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(227, 170, 98)` looks like.

```
.text, #text, p{  
    color:rgb(227, 170, 98)  
}
```

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(227, 170, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 170, 98) }
```

Border

The CSS property to change the border of an element to YUV 178.8350, -39.8517, 42.2407 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(227, 170, 98) }
```


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

```
.border{ border-color:rgb(227, 170, 98) }
```

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

Here you see how a box with a 4 pixel rgb(227, 170, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 170, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 170, 98);  
box-shadow:4px 4px 4px 4px rgb(227, 170,  
98) }
```

Background

The CSS property to change the background color of an element to YUV 178.8350, -39.8517, 42.2407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 170, 98) }
```

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

```
.background{ background-color: rgb(227,  
170, 98) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor