

# Converting Colors

YUV(99.4400, -14.5139,  
-58.2679)

Have a look what the booklet for  
YUV(99.4400, -14.5139, -58.2679)  
contains.

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# Color

**YUV(99.4400, -14.5139,  
-58.2679)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	218B46
RGB	33, 139, 70
RGB Percent	13%, 55%, 27%
CMY	0.8706, 0.4549, 0.7255
CMYK	0.76, 0.00, 0.50, 0.45
HSL	141°, 62%, 34%
HSV	141°, 76%, 55%
XYZ	10.9653, 19.2308, 8.9283
YIQ	99.4400, -41.0270, -43.9310

# Conversions

## Conversions Part 2

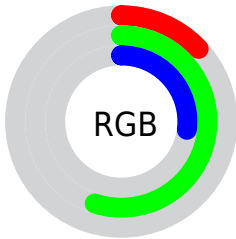
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	33, 112, 139
Decimal	2198342
CIE <sub>Lab</sub>	50.96, -45.20, 28.55
CIE <sub>LCh</sub>	51, 53.461, 147.719
Yxy	19.2308, 0.2803, 0.4915
Android (android.graphics.Color)	4280388422 (0xFF218B46)
YUV	99.4400, -14.5139, -58.2679
Hunter-Lab	43.8529, -32.1091, 18.6257

# Details

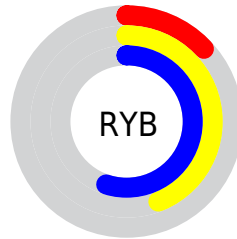
The YUV color **99.4400, -14.5139, -58.2679** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **72.5600, 14.5139, 58.2679**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.9630, -17.7298, -53.4646**, and **54.2780, -15.4201, -47.6018** is the 20% darker color. If you saturate the color by 10%, you get **94.2280, -16.3814, -65.9750**, and if you desaturate by 10%, it is **104.6520, -12.6464, -50.5608**.

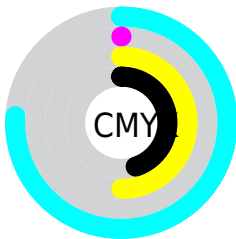
# Distribution



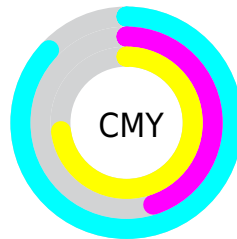
- Red (13%)
- Green (55%)
- Blue (27%)



- Red (13%)
- Yellow (44%)
- Blue (55%)



- Cyan (76%)
- Magenta (0%)
- Yellow (50%)
- Black (45%)



- Cyan (87%)
- Magenta (45%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 99.4400, -14.5139, -58.2679 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 99.4400, -14.5139, -58.2679 by changing the saturation by 10% instead.



■ 99.4400, -14.5139,  
-58.2679

■ 99.4400, -14.5139,  
-58.2679

255.0000, 0.0000,  
0.0000

■ 71.5750, -12.6085,  
-62.7713

■ 155.9630,  
-17.7298, -53.4646

■ 54.2780, -15.4201,  
-47.6018

■ 183.7350,  
-18.6034, -53.2646

■ 36.9810, -18.2316,  
-32.4323

■ 212.0940,  
-19.7663, -53.5794

■ 24.6540, -12.1544,  
-21.6216

■ 226.3050,  
-12.9684, -40.6095

■ 4.1090, -2.0257,  
-3.6036

■ 238.1680, -5.0128,  
-25.5803

■ 0.0000, 0.0000,  
0.0000

■ 249.9170, 2.5059,

-10.4512

■ 99.4400, -14.5139,  
-58.2679

■ 99.4400, -14.5139,  
-58.2679

■ 94.2280, -16.3814,  
-65.9750

■ 104.6520,  
-12.6464, -50.5608

■ 89.0160, -18.2489,  
-73.6820

■ 109.8640,  
-10.7790, -42.8537

■ 87.1790, -18.8222,  
-76.4560

■ 115.0760, -8.9115,  
-35.1467

■ 120.2880, -7.0440,  
-27.4396

■ 125.2010, -5.0291,  
-20.3473

■ 130.4130, -3.1616,  
-12.6402

■ 135.6250, -1.2941,  
-4.9331

■ 140.8370, 0.5734,  
2.7740

■ 146.0490, 2.4408,  
10.4810

# Harmonies

## Analogous

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



111.2280, -39.5524, -7.2160



99.4400, -14.5139, -58.2679



97.1650, 9.2857, -85.2137

# Triad

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



99.4400, -14.5139, -58.2679



99.4180, 55.9959, -87.1896



118.4670, -17.9782, 73.2584

# Complementary

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



99.4400, -14.5139, -58.2679



72.5600, 14.5139, 58.2679

# 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.



119.4770, 3.7088, 70.6187



99.4400, -14.5139, -58.2679



122.6840, 39.5958, -6.7389

# Square

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



99.4400, -14.5139, -58.2679



103.5780, 46.5500, -90.8379



124.6380, 22.8565, 42.4135



118.0200, -36.9849, 56.1105



# Rectangle

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



99.4400, -14.5139, -58.2679



100.8130, 23.2632, -88.4130



124.6380, 22.8565, 42.4135



118.3130, -11.0003, 75.1475

# Sweetspot

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



99.4400, -14.5139, -58.2679



165.3640, -5.6025, -23.1212



116.4510, -41.1413, -10.9195



82.2880, -3.5930, -14.2846



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



99.4400, -14.5139, -58.2679



118.7550, -22.5572, -91.8701



105.2540, 7.7628, -63.3668



66.3370, -1.1521, -3.8035



83.3150, -18.3963, -73.0673



3.1630, -0.5734, -2.7740



# Inverse Universe

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



72.5600, 14.5139, 58.2679



76.3590, 22.9940, 91.7702



66.7460, -7.7628, 63.3668



64.5490, 0.7153, 3.9035



49.5710, 17.9595, 73.1672



1.8370, 0.5734, 2.7740



# Previews

## White Background



This preview shows how the YUV color 99.4400, -14.5139, -58.2679 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 99.4400, -14.5139, -58.2679 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 99.4400, -14.5139, -58.2679

## Background



This preview shows how black text looks on a background with the YUV color 99.4400, -14.5139, -58.2679.



This preview shows how white text looks on a background with the YUV color 99.4400, -14.5139, -58.2679.

-58.2679.

# 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

99.4400, -14.5139, -58.2679

### Protanopia

118.0900, -26.6664, 13.0761

### Deuteranopia

119.8230, -21.6047, 22.9572



## Tritanopia

111.3240, 15.1233, -44.1341

# Trichromacy



## Original Color

99.4400, -14.5139, -58.2679

## Protanomaly

111.6630, -22.5119, -12.8595

## Deuteranomaly

112.6190, -19.0392, -6.6819

## Tritanomaly

107.1310, 4.3724, -49.2269

# Monochromacy



## Original Color

99.4400, -14.5139, -58.2679

## Achromatopsia

99.0000, 0.0000, 0.0000

## Achromatomaly

99.3750, -5.6079, -21.3769

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 99.4400, -14.5139, -58.2679 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(33, 139, 70)` looks like.

```
.text, #text, p{  
    color:rgb(33, 139, 70)  
}
```

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(33, 139, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 139, 70) }
```

## Border

The CSS property to change the border of an element to YUV 99.4400, -14.5139, -58.2679 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(33, 139, 70) }
```



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

```
.border{ border-color:rgb(33, 139, 70) }
```

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

Here you see how a box with a 4 pixel rgb(33, 139, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 139, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 139, 70);  
box-shadow:4px 4px 4px 4px rgb(33, 139,  
70) }
```

# Background

The CSS property to change the background color of an element to YUV 99.4400, -14.5139, -58.2679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 139, 70) }
```

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

```
.background{ background-color: rgb(33, 139,  
70) }
```

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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