

Converting Colors

YUV(113.2450, -11.9528,
-39.6799)

Have a look what the booklet for
YUV(113.2450, -11.9528, -39.6799)
contains.

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Color

**YUV(113.2450, -11.9528,
-39.6799)**

Conversions

Conversions Part 1

Format	Color
Hex	448D59
RGB	68, 141, 89
RGB Percent	27%, 55%, 35%
CMY	0.7333, 0.4471, 0.6510
CMYK	0.52, 0.00, 0.37, 0.45
HSL	137°, 35%, 41%
HSV	137°, 52%, 55%
XYZ	13.7119, 21.0000, 12.7819
YIQ	113.2450, -26.8160, -31.6480

Conversions

Conversions Part 2

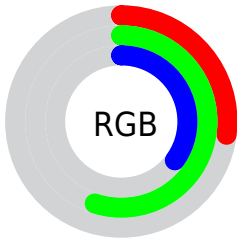
Format	Color
R_{YB}	68, 125, 141
Decimal	4492633
CIE _{Lab}	52.95, -34.96, 20.95
CIE _{LCh}	53, 40.758, 149.068
Yxy	21.0000, 0.2887, 0.4422
Android (android.graphics.Color)	4282682713 (0xFF448D59)
YUV	113.2450, -11.9528, -39.6799
Hunter-Lab	45.8257, -26.7843, 15.5406

Details

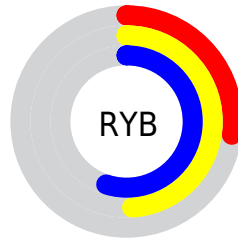
The YUV color **113.2450, -11.9528, -39.6799** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **95.7550, 11.9528, 39.6799**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.4900, -13.5526, -39.8947**, and **59.2270, -7.9999, -47.5571** is the 20% darker color. If you saturate the color by 10%, you get **107.9190, -14.2571, -47.2870**, and if you desaturate by 10%, it is **118.5710, -9.6485, -32.0728**.

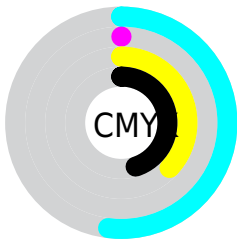
Distribution



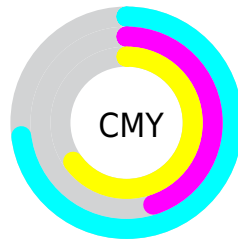
- Red (27%)
- Green (55%)
- Blue (35%)



- Red (27%)
- Yellow (49%)
- Blue (55%)



- Cyan (52%)
- Magenta (0%)
- Yellow (37%)
- Black (45%)



- Cyan (73%)
- Magenta (45%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.2450, -11.9528, -39.6799 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 113.2450, -11.9528, -39.6799 by changing the saturation by 10% instead.

■ 113.2450,
-11.9528, -39.6799

■ 113.2450,
-11.9528, -39.6799

■ 255.0000, 0.0000,
0.0000

■ 87.1740, -10.9318,
-40.4946

■ 166.4900,
-13.5526, -39.8947

■ 59.2270, -7.9999,
-47.5571

■ 194.0770,
-13.8420, -40.4095

■ 41.1360, -9.9270,
-36.0763

■ 222.5500,
-14.5681, -40.8243

■ 25.2410, -12.4438,
-22.1364

■ 235.8750, -7.3334,
-27.9544

■ 10.5660, -5.2090,
-9.2664

■ 247.8520, 1.0590,
-13.0252

■ 0.0000, 0.0000,
0.0000

■ 113.2450,
-11.9528, -39.6799

■ 113.2450,
-11.9528, -39.6799

■ 107.9190,
-14.2571, -47.2870

■ 118.5710, -9.6485,
-32.0728

■ 102.5930,
-16.5613, -54.8941

■ 123.8970, -7.3442,
-24.4657

■ 97.2670, -18.8656,
-62.5012

■ 129.2230, -5.0399,
-16.8586

■ 91.9410, -21.1699,
-70.1083

■ 134.5490, -2.7357,
-9.2515

■ 87.4410, -22.8954,
-76.6858

■ 140.1740, -0.5788,
-1.0296

■ 145.5000, 1.7255,
6.5775

■ 150.8260, 4.0298,
14.1846

■ 156.1520, 6.3341,

21.7917

■ 161.4780, 8.6383,
29.3988

Harmonies

Analogous

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



119.6270, -27.9171, -5.8119



113.2450, -11.9528, -39.6799



98.6640, 12.4906, -86.5283

Triad

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



113.2450, -11.9528, -39.6799



116.2950, 39.2946, -50.2477



126.5250, -16.0348, 56.5446

Complementary

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



113.2450, -11.9528, -39.6799



95.7550, 11.9528, 39.6799

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.



128.4550, 0.2687, 53.9750



113.2450, -11.9528, -39.6799



128.6710, 29.2492, -1.4655

Square

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



113.2450, -11.9528, -39.6799



102.7970, 41.0191, -90.1530



130.1610, 16.1896, 34.0618



125.1200, -28.6532, 43.7448

Rectangle

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



113.2450, -11.9528, -39.6799



101.4000, 22.9738, -88.9278



130.1610, 16.1896, 34.0618



126.9040, -10.7987, 57.0892

Sweetspot

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



113.2450, -11.9528, -39.6799



172.6360, -4.7505, -16.3438



126.3990, -28.7907, -5.6119



85.1360, -3.0250, -9.7663



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.



113.2450, -11.9528, -39.6799



140.6800, -18.5762, -61.9864



117.3490, 3.7719, -43.2791



68.3370, -1.1521, -3.8035



83.6910, -22.0327, -73.3970



4.9240, -1.4415, -4.3183

Inverse Universe

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



95.7550, 11.9528, 39.6799



113.3200, 18.5762, 61.9864



91.6510, -3.7719, 43.2791



66.6630, 1.1521, 3.8035



51.3090, 22.0327, 73.3970



2.9620, 1.0047, 4.4183

Previews

White Background



This preview shows how the YUV color 113.2450, -11.9528, -39.6799 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 113.2450, -11.9528, -39.6799 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 113.2450, -11.9528, -39.6799 Background



This preview shows how black text looks on a background with the YUV color 113.2450, -11.9528, -39.6799.



This preview shows how white text looks on a background with the YUV color 113.2450, -11.9528, -39.6799.

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

113.2450, -11.9528, -39.6799

Protanopia

124.0880, -20.2564, 10.4468

Deuteranopia

125.4080, -15.4841, 19.8132



Tritanopia

119.7060, 12.4699, -33.0682

Trichromacy



Original Color

113.2450, -11.9528, -39.6799

Protanomaly

119.7760, -17.1446, -7.6966

Deuteranomaly

121.2050, -14.3981, -1.9338

Tritanomaly

117.6920, 3.6028, -35.6869

Monochromacy



Original Color

113.2450, -11.9528, -39.6799

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

113.0600, -4.4666, -14.0846

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.2450, -11.9528, -39.6799 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(68, 141, 89)` looks like.

```
.text, #text, p{  
    color:rgb(68, 141, 89)  
}
```

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(68, 141, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 141, 89) }
```

Border

The CSS property to change the border of an element to YUV 113.2450, -11.9528, -39.6799 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(68, 141, 89) }
```


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

```
.border{ border-color:rgb(68, 141, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 141, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 141, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 141, 89);  
box-shadow:4px 4px 4px 4px rgb(68, 141,  
89) }
```

Background

The CSS property to change the background color of an element to YUV 113.2450, -11.9528, -39.6799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 141, 89) }
```

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

```
.background{ background-color: rgb(68, 141,  
89) }
```

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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