

Converting Colors

YUV(112.5330, -12.0948,
-40.8094)

Have a look what the booklet for
YUV(112.5330, -12.0948, -40.8094)
contains.

YUV(112.5330, -12.0948, -40.8094)	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(112.5330, -12.0948,
-40.8094)**

Conversions

Conversions Part 1

Format	Color
Hex	428D58
RGB	66, 141, 88
RGB Percent	26%, 55%, 35%
CMY	0.7412, 0.4471, 0.6549
CMYK	0.53, 0.00, 0.38, 0.45
HSL	138°, 36%, 41%
HSV	138°, 53%, 55%
XYZ	13.5331, 20.9126, 12.5558
YIQ	112.5330, -27.6870, -32.3830

Conversions

Conversions Part 2

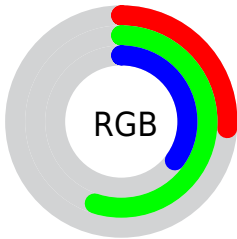
Format	Color
R_{YB}	66, 124, 141
Decimal	4361560
CIE _{Lab}	52.85, -35.69, 21.37
CIE _{LCh}	53, 41.600, 149.096
Yxy	20.9126, 0.2879, 0.4449
Android (android.graphics.Color)	4282551640 (0xFF428D58)
YUV	112.5330, -12.0948, -40.8094
Hunter-Lab	45.7303, -27.2040, 15.7324

Details

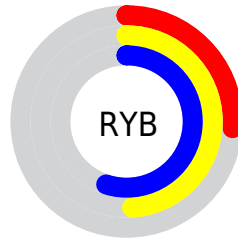
The YUV color **112.5330, -12.0948, -40.8094** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **94.4670, 12.0948, 40.8094**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.7780, -13.6946, -41.0243**, and **57.6180, -7.6997, -50.5310** is the 20% darker color. If you saturate the color by 10%, you get **107.2070, -14.3991, -48.4165**, and if you desaturate by 10%, it is **117.8590, -9.7905, -33.2023**.

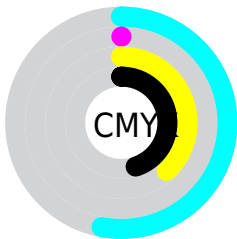
Distribution



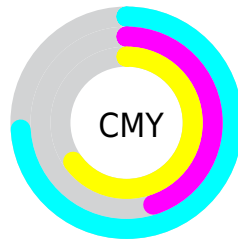
- Red (26%)
- Green (55%)
- Blue (35%)



- Red (26%)
- Yellow (49%)
- Blue (55%)



- Cyan (53%)
- Magenta (0%)
- Yellow (38%)
- Black (45%)



- Cyan (74%)
- Magenta (45%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.5330, -12.0948, -40.8094 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 112.5330, -12.0948, -40.8094 by changing the saturation by 10% instead.

■ 112.5330,
-12.0948, -40.8094

■ 112.5330,
-12.0948, -40.8094

■ 255.0000, 0.0000,
0.0000

■ 86.1630, -10.9264,
-42.2390

■ 165.7780,
-13.6946, -41.0243

■ 57.6180, -7.6997,
-50.5310

■ 193.6640,
-14.1314, -40.9243

■ 41.0220, -10.3638,
-35.9763

■ 221.8380,
-14.7101, -41.9539

■ 25.2410, -12.4438,
-22.1364

■ 235.4620, -7.6228,
-28.4692

■ 10.5660, -5.2090,
-9.2664

■ 247.1400, 0.9170,
-14.1548

■ 0.0000, 0.0000,
0.0000

■ 112.5330,
-12.0948, -40.8094

■ 112.5330,
-12.0948, -40.8094

■ 107.2070,
-14.3991, -48.4165

■ 117.8590, -9.7905,
-33.2023

■ 101.8810,
-16.7033, -56.0236

■ 123.1850, -7.4862,
-25.5952

■ 96.5550, -19.0076,
-63.6307

■ 128.5110, -5.1819,
-17.9881

■ 91.2290, -21.3119,
-71.2378

■ 133.8370, -2.8776,
-10.3810

■ 87.4410, -22.8954,
-76.6858

■ 139.4620, -0.7208,
-2.1592

■ 144.7880, 1.5835,
5.4479

■ 150.1140, 3.8878,
13.0550

■ 155.4400, 6.1921,

20.6621

■ 160.7660, 8.4964,
28.2692

Harmonies

Analogous

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



119.1000, -28.6433, -6.2267



112.5330, -12.0948, -40.8094



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.



112.5330, -12.0948, -40.8094



115.2130, 40.3210, -52.8068



126.1230, -16.3296, 57.7741

Complementary

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



112.5330, -12.0948, -40.8094



94.4670, 12.0948, 40.8094

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.



127.8680, 0.5581, 54.4898



112.5330, -12.0948, -40.8094



128.1980, 29.9754, -1.0506

Square

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



112.5330, -12.0948, -40.8094



102.9110, 41.4559, -90.2529



130.1610, 16.1896, 34.0618



125.1910, -29.6742, 44.5595

Rectangle

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



112.5330, -12.0948, -40.8094



101.4000, 22.9738, -88.9278



130.1610, 16.1896, 34.0618



126.6160, -10.6567, 58.2188

Sweetspot

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



112.5330, -12.0948, -40.8094



172.6360, -4.7505, -16.3438



126.1710, -29.6643, -5.4120



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.



112.5330, -12.0948, -40.8094



139.2560, -18.8602, -64.2455



116.7510, 4.0668, -44.5086



68.3370, -1.1521, -3.8035



83.8050, -21.5959, -73.4970



4.9240, -1.4415, -4.3183

Inverse Universe

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



94.4670, 12.0948, 40.8094



110.7440, 18.8602, 64.2455



90.2490, -4.0668, 44.5086



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 112.5330, -12.0948, -40.8094 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 112.5330, -12.0948, -40.8094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

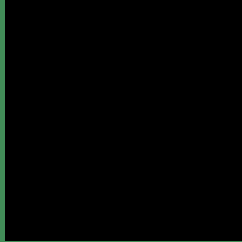
Any Text WCAG AA ✓ Pass

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 112.5330, -12.0948, -40.8094 Background



This preview shows how black text looks on a background with the YUV color 112.5330, -12.0948, -40.8094.



This preview shows how white text looks on a background with the YUV color 112.5330, -12.0948, -40.8094.

-40.8094.

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

112.5330, -12.0948, -40.8094

Protanopia

123.3870, -20.4038, 11.0616

Deuteranopia

125.2940, -15.9209, 19.9132



Tritanopia

119.4070, 12.6173, -33.6829

Trichromacy



Original Color

112.5330, -12.0948, -40.8094

Protanomaly

119.6620, -17.5814, -7.5966

Deuteranomaly

120.7920, -14.6875, -2.4486

Tritanomaly

117.2790, 3.3135, -36.2017

Monochromacy



Original Color

112.5330, -12.0948, -40.8094

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

112.7610, -4.3192, -14.6994

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.5330, -12.0948, -40.8094 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(66, 141, 88)` looks like.

```
.text, #text, p{  
    color:rgb(66, 141, 88)  
}
```

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(66, 141, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 141, 88) }
```

Border

The CSS property to change the border of an element to YUV 112.5330, -12.0948, -40.8094 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(66, 141, 88) }
```


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

```
.border{ border-color:rgb(66, 141, 88) }
```

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

Here you see how a box with a 4 pixel rgb(66, 141, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 141, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 141, 88);  
box-shadow:4px 4px 4px 4px rgb(66, 141,  
88) }
```

Background

The CSS property to change the background color of an element to YUV 112.5330, -12.0948, -40.8094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 141, 88) }
```

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

```
.background{ background-color: rgb(66, 141,  
88) }
```

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