

Converting Colors

YUV(240.3910, -53.4368,
12.8121)

Have a look what the booklet for
YUV(240.3910, -53.4368, 12.8121)
contains.

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Color

**YUV(240.3910, -53.4368,
12.8121)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFE84
RGB	255, 254, 132
RGB Percent	100%, 100%, 52%
CMY	0.0000, 0.0039, 0.4824
CMYK	0.00, 0.00, 0.48, 0.00
HSL	60°, 100%, 76%
HSV	60°, 48%, 100%
XYZ	80.8467, 93.8096, 35.6758
YIQ	240.3910, 39.7580, -37.7300

Conversions

Conversions Part 2

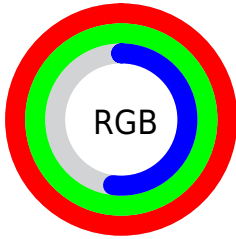
Format	Color
R _Y B	133, 255, 132
Decimal	16776836
CIE Lab	97.56, -15.72, 57.90
CIE LCh	98, 60.000, 105.186
Yxy	93.8096, 0.3844, 0.4460
Android (android.graphics.Color)	4294966916 (0xFFFFFE84)
YUV	240.3910, -53.4368, 12.8121
Hunter-Lab	96.8553, -20.5001, 45.9598

Details

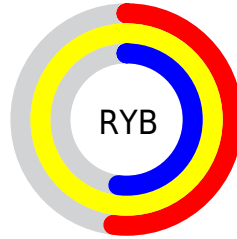
The YUV color **240.3910, -53.4368, 12.8121** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **146.6090, 53.4368, -12.8121**, and the grayscale version is **241.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **247.2480, -29.7023, 6.7985**, and **183.1350, -51.8316, 11.2826** is the 20% darker color. If you saturate the color by 10%, you get **237.5410, -64.3567, 15.3115**, and if you desaturate by 10%, it is **243.3550, -42.0800, 10.2127**.

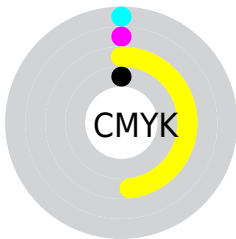
Distribution



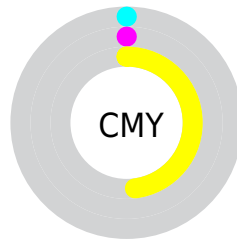
- Red (100%)
- Green (100%)
- Blue (52%)



- Red (52%)
- Yellow (100%)
- Blue (52%)



- Cyan (0%)
- Magenta (0%)
- Yellow (48%)
- Black (0%)



- Cyan (0%)
- Magenta (0%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 240.3910, -53.4368, 12.8121 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 240.3910, -53.4368, 12.8121 by changing the saturation by 10% instead.

240.3910,
-53.4368, 12.8121

240.3910,
-53.4368, 12.8121

255.0000, 0.0000,
0.0000

211.3200,
-52.4158, 11.9974

247.2480,
-29.7023, 6.7985

183.1350,
-51.8316, 11.2826

250.5540,
-17.0351, 3.8991

155.5370,
-51.5367, 10.0531

253.8600, -4.3680,
0.9998

128.2550,
-53.8627, 9.4234

102.7540,
-50.6577, 8.1087

80.5930, -39.7323,
3.8649

58.7310, -28.9544,

0.2359

■ 38.0430, -18.7552,
-4.4227

■ 17.0340, -8.3978,
-13.1848

■ 240.3910,
-53.4368, 12.8121

■ 240.3910,
-53.4368, 12.8121

■ 237.5410,
-64.3567, 15.3115

■ 243.3550,
-42.0800, 10.2127

■ 234.5770,
-75.7135, 17.9110

■ 246.2050,
-31.1601, 7.7132

■ 231.1400,
-86.3440, 20.9252

■ 249.7560,
-20.0927, 4.5990

■ 228.1760,
-97.7008, 23.5246

■ 252.6060, -9.1728,
2.0995

■ 225.3260,
-108.6207, 26.0241

255.0000, 0.0000,
0.0000

■ 224.7560,
-110.8047, 26.5240

Harmonies

Analogous

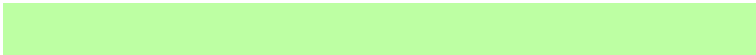
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



228.8790, -46.7753, 22.9081



240.3910, -53.4368, 12.8121



224.7780, -30.4566, -31.3773

Triad

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



240.3910, -53.4368, 12.8121



178.7550, 37.5888, -156.7681



225.0630, 14.7589, 26.2547

Complementary

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



240.3910, -53.4368, 12.8121



146.6090, 53.4368, -12.8121

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.



235.0420, 9.8393, 17.5032



240.3910, -53.4368, 12.8121



201.7780, 26.2384, -109.4303

Square

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



240.3910, -53.4368, 12.8121



178.7550, 37.5888, -156.7681



234.1910, 10.2588, -23.8465



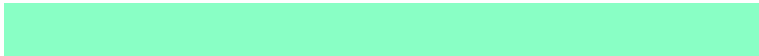
219.3120, 0.3392, 31.2984

Rectangle

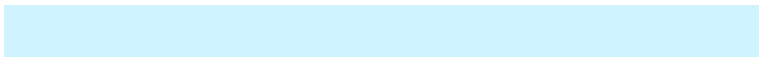
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



240.3910, -53.4368, 12.8121



213.1060, -7.9403, -66.7450



234.1910, 10.2588, -23.8465



227.9980, 13.3120, 23.6808

Sweetspot

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



240.3910, -53.4368, 12.8121



250.8960, -15.7247, 3.5992



169.0050, -17.2575, 75.4176



124.9050, -9.3202, 2.7143



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.



240.3910, -53.4368, 12.8121



237.5410, -64.3567, 15.3115



223.3370, -45.0291, -23.9745



125.9310, -5.3890, 1.8145



168.6390, -83.1390, 19.6106



56.1170, -27.6657, 6.9134

Inverse Universe

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



146.6090, 53.4368, -12.8121



124.4590, 64.3567, -15.3115



163.6630, 45.0291, 23.9745



116.4820, 5.6784, -1.2997



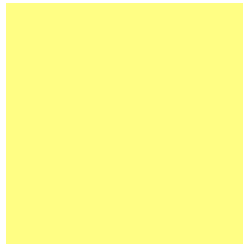
22.9480, 82.8496, -20.1254



7.8830, 27.6657, -6.9134

Previews

White Background



This preview shows how the YUV color 240.3910, -53.4368, 12.8121 looks on a white background.

Color Contrast Check

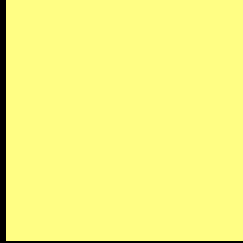
Large Text (above 18pt) WCAG AA × Fail

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 240.3910, -53.4368, 12.8121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

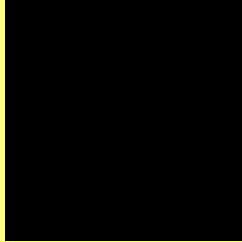
Any Text WCAG AA ✓ Pass

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 240.3910, -53.4368, 12.8121 Background



This preview shows how black text looks on a background with the YUV color 240.3910, -53.4368, 12.8121.



This preview shows how white text looks on a background with the YUV color 240.3910, -53.4368, 12.8121.

Color Blindness Simulation

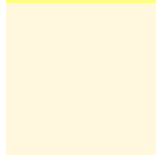
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



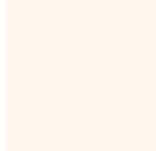
Original Color

240.3910, -53.4368, 12.8121



Protanopia

247.2430, -11.9518, 6.8029



Deuteranopia

248.3660, -5.1104, 5.8180



Tritanopia

248.7880, 1.5835, 5.4479

Trichromacy



Original Color

240.3910, -53.4368, 12.8121



Protanomaly

244.6550, -26.9449, 9.0726



Deuteranomaly

245.6810, -23.0137, 8.1728



Tritanomaly

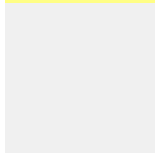
245.5330, -18.5038, 8.3026

Monochromacy



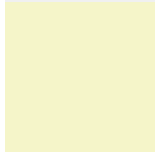
Original Color

240.3910, -53.4368, 12.8121



Achromatopsia

240.0000, 0.0000, 0.0000



Achromatomaly

239.9840, -19.2191, 4.3990

CSS Examples

Text

The CSS property to change the color of the text to YUV 240.3910, -53.4368, 12.8121 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(255, 254, 132)` looks like.

```
.text, #text, p{  
    color:rgb(255, 254, 132)  
}
```

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(255, 254, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 254, 132) }
```

Border

The CSS property to change the border of an element to YUV 240.3910, -53.4368, 12.8121 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(255, 254, 132) }
```


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

```
.border{ border-color:rgb(255, 254, 132) }
```

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

Here you see how a box with a 4 pixel rgb(255, 254, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 254, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 254, 132);  
box-shadow:4px 4px 4px 4px rgb(255, 254,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 240.3910, -53.4368, 12.8121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 254, 132) }
```

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

```
.background{ background-color: rgb(255,  
254, 132) }
```

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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