

Converting Colors

YUV(143.8270, -14.7047,
-43.6983)

Have a look what the booklet for
YUV(143.8270, -14.7047, -43.6983)
contains.

YUV(143.8270, -14.7047, -43.6983)	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(143.8270, -14.7047,
-43.6983)**

Conversions

Conversions Part 1

Format	Color
Hex	5EAF72
RGB	94, 175, 114
RGB Percent	37%, 69%, 45%
CMY	0.6314, 0.3137, 0.5529
CMYK	0.46, 0.00, 0.35, 0.31
HSL	135°, 34%, 53%
HSV	135°, 46%, 69%
XYZ	22.9833, 34.2545, 21.3200
YIQ	143.8270, -28.6950, -36.1430

Conversions

Conversions Part 2

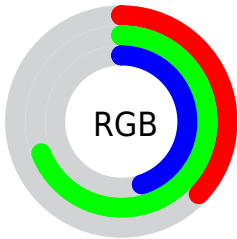
Format	Color
RYB	94, 159, 175
Decimal	6205298
CIELab	65.16, -38.34, 23.80
CIElCh	65, 45.129, 148.171
Yxy	34.2545, 0.2926, 0.4360
Android (android.graphics.Color)	4284395378 (0xFF5EAF72)
YUV	143.8270, -14.7047, -43.6983
Hunter-Lab	58.5274, -32.3271, 19.3713

Details

The YUV color **143.8270, -14.7047, -43.6983** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **125.1730, 14.7047, 43.6983**, and the grayscale version is **144.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.0720, -16.3045, -43.9131**, and **90.3860, -12.5153, -45.9425** is the 20% darker color. If you saturate the color by 10%, you get **137.2620, -17.8772, -52.8498**, and if you desaturate by 10%, it is **150.6910, -11.6797, -33.9320**.

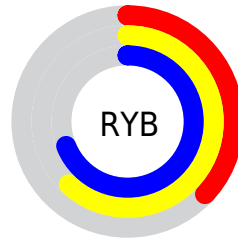
Distribution



Red (37%)

Green (69%)

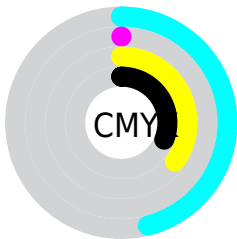
Blue (45%)



Red (37%)

Yellow (62%)

Blue (69%)

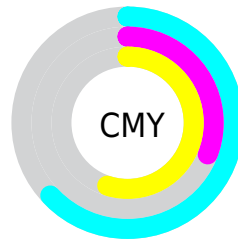


Cyan (46%)

Magenta (0%)

Yellow (35%)

Black (31%)



Cyan (63%)

Magenta (31%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 143.8270, -14.7047, -43.6983 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 143.8270, -14.7047, -43.6983 by changing the saturation by 10% instead.

■ 143.8270,
-14.7047, -43.6983

■ 143.8270,
-14.7047, -43.6983

■ 255.0000, 0.0000,
0.0000

■ 117.0550,
-13.8311, -43.8982

■ 199.0720,
-16.3045, -43.9131

■ 90.3860, -12.5153,
-45.9425

■ 224.4250,
-14.9995, -42.4687

■ 61.1400, -9.4360,
-53.6198

■ 236.2880, -7.0440,
-27.4396

■ 44.5440, -12.1002,
-39.0651

■ 248.1510, 0.9116,
-12.4104

■ 28.1760, -13.8908,
-24.7104

■ 15.8490, -7.8136,
-13.8996

■ 0.0000, 0.0000,

0.0000

■ 143.8270,
-14.7047, -43.6983

■ 143.8270,
-14.7047, -43.6983

■ 137.2620,
-17.8772, -52.8498

■ 150.6910,
-11.6797, -33.9320

■ 130.3980,
-20.9022, -62.6160

■ 157.2560, -8.5072,
-24.7805

■ 123.7190,
-24.5115, -71.6676

■ 164.2340, -5.0454,
-15.1142

■ 116.8550,
-27.5365, -81.4338

■ 170.7990, -1.8729,
-5.9627

■ 110.2900,
-30.7090, -90.5853

■ 177.6630, 1.1521,
3.8035

■ 107.6270,
-31.8611, -94.3889

■ 184.2280, 4.3246,
12.9550

■ 191.0920, 7.3496,
22.7213

■ 197.6570, 10.5221,
31.8728

■ 204.6350, 13.9839,
41.5391

Harmonies

Analogous

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



150.6610, -32.8639, -5.8417



143.8270, -14.7047, -43.6983



122.6290, 15.4659, -107.5456

Triad

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



143.8270, -14.7047, -43.6983



147.7440, 44.9892, -56.7805



158.7110, -18.0985, 65.1515

Complementary

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



143.8270, -14.7047, -43.6983



125.1730, 14.7047, 43.6983

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.



160.9120, 0.5364, 61.4672



143.8270, -14.7047, -43.6983



160.5120, 33.7646, -3.0800

Square

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



143.8270, -14.7047, -43.6983



127.3150, 48.6517, -111.6553



162.5790, 18.9416, 38.0802



157.0240, -33.0428, 51.7220

Rectangle

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



143.8270, -14.7047, -43.6983



125.8210, 27.6962, -110.3450



162.5790, 18.9416, 38.0802



159.6170, -12.1362, 66.1109

Sweetspot

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



143.8270, -14.7047, -43.6983



214.6960, -5.7661, -17.2734



160.0850, -32.5799, -3.5825



107.3100, -3.6038, -10.7959



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



143.8270, -14.7047, -43.6983



178.0830, -23.2119, -68.4788



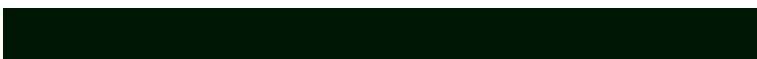
148.2730, 2.3304, -47.5974



83.5110, -1.7309, -4.8331



92.2680, -27.2471, -80.9190



14.1850, -4.0352, -12.4402

Inverse Universe

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



125.1730, 14.7047, 43.6983



148.9170, 23.2119, 68.4788



120.7270, -2.3304, 47.5974



81.4890, 1.7309, 4.8331



57.7320, 27.2471, 80.9190



8.8150, 4.0352, 12.4402

Previews

White Background



This preview shows how the YUV color 143.8270, -14.7047, -43.6983 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 143.8270, -14.7047, -43.6983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

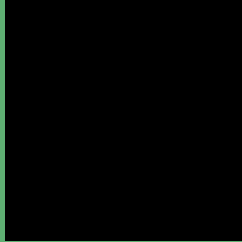
Any Text WCAG AA ✓ Pass

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 143.8270, -14.7047, -43.6983 Background



This preview shows how black text looks on a background with the YUV color 143.8270, -14.7047, -43.6983.



This preview shows how white text looks on a background with the YUV color 143.8270, -14.7047, -43.6983.

-43.6983.

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

143.8270, -14.7047, -43.6983

Protanopia

155.1870, -23.7562, 12.9910

Deuteranopia

157.5180, -18.9894, 24.1017



Tritanopia

151.1400, 14.2280, -36.9568

Trichromacy



Original Color

143.8270, -14.7047, -43.6983

Protanomaly

151.2660, -20.3441, -8.1263

Deuteranomaly

152.7060, -17.6031, -0.6192

Tritanomaly

148.6700, 3.6137, -39.1756

Monochromacy



Original Color

143.8270, -14.7047, -43.6983

Achromatopsia

144.0000, 0.0000, 0.0000

Achromatomaly

143.8210, -5.3348, -15.6290

CSS Examples

Text

The CSS property to change the color of the text to YUV 143.8270, -14.7047, -43.6983 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(94, 175, 114)` looks like.

```
.text, #text, p{  
    color:rgb(94, 175, 114)  
}
```

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(94, 175, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 175, 114) }
```

Border

The CSS property to change the border of an element to YUV 143.8270, -14.7047, -43.6983 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(94, 175, 114) }
```


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

```
.border{ border-color:rgb(94, 175, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 175, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 175, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 175, 114);  
box-shadow:4px 4px 4px 4px rgb(94, 175,  
114) }
```

Background

The CSS property to change the background color of an element to YUV 143.8270, -14.7047, -43.6983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 175, 114) }
```

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

```
.background{ background-color: rgb(94, 175,  
114) }
```

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