

Converting Colors

YUV(92.7330, -15.6444,
-69.0488)

Have a look what the booklet for
YUV(92.7330, -15.6444, -69.0488)
contains.

YUV(92.7330, -15.6444, -69.0488)	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(92.7330, -15.6444,
-69.0488)**

Conversions

Conversions Part 1

Format	Color
Hex	0E8B3D
RGB	14, 139, 61
RGB Percent	5%, 55%, 24%
CMY	0.9451, 0.4549, 0.7608
CMYK	0.90, 0.00, 0.56, 0.45
HSL	143°, 82%, 30%
HSV	143°, 90%, 55%
XYZ	10.2560, 18.8955, 7.5215
YIQ	92.7330, -49.4620, -50.7580

Conversions

Conversions Part 2

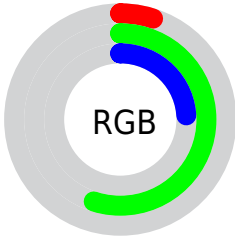
Format	Color
RYB	14, 105, 139
Decimal	953149
CIELab	50.56, -48.88, 32.70
CIElCh	51, 58.809, 146.213
Yxy	18.8955, 0.2797, 0.5152
Android (android.graphics.Color)	4279143229 (0xFF0E8B3D)
YUV	92.7330, -15.6444, -69.0488
Hunter-Lab	43.4690, -33.9556, 20.1692

Details

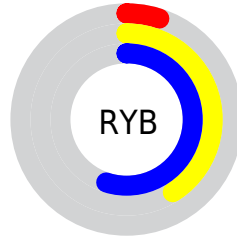
The YUV color **92.7330, -15.6444, -69.0488** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **60.2670, 15.6444, 69.0488**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.1320, -20.7711, -57.9978**, and **52.4370, -19.9354, -45.9872** is the 20% darker color. If you saturate the color by 10%, you get **87.5210, -17.5119, -76.7559**, and if you desaturate by 10%, it is **97.9450, -13.7769, -61.3418**.

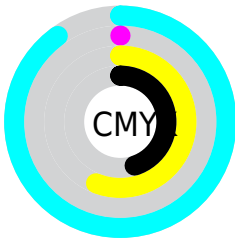
Distribution



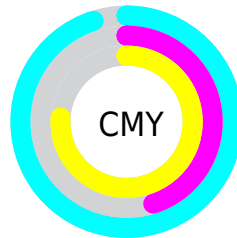
- Red (5%)
- Green (55%)
- Blue (24%)



- Red (5%)
- Yellow (41%)
- Blue (55%)



- Cyan (90%)
- Magenta (0%)
- Yellow (56%)
- Black (45%)





- Cyan (95%)
- Magenta (45%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 92.7330, -15.6444, -69.0488 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 92.7330, -15.6444, -69.0488 by changing the saturation by 10% instead.


 92.7330, -15.6444,
-69.0488


 92.7330, -15.6444,
-69.0488


255.0000, 0.0000,
0.0000


 70.5490, -16.5397,
-61.8715


 152.1320,
-20.7711, -57.9978


 52.4370, -19.9354,
-45.9872


 180.2030,
-21.7921, -57.1830

 36.9810, -18.2316,
-32.4323

 208.9750,
-22.6657, -56.9831

 24.0670, -11.8650,
-21.1068

 223.0720,
-16.3045, -43.9131

 2.3480, -1.1576,
-2.0592

 235.0490, -7.9122,
-28.9840

 0.0000, 0.0000,
0.0000

 246.9120, 0.0434,

-13.9548

■ 92.7330, -15.6444,
-69.0488

■ 92.7330, -15.6444,
-69.0488

■ 87.5210, -17.5119,
-76.7559

■ 97.9450, -13.7769,
-61.3418

■ 103.0430,
-12.3462, -53.5347

■ 108.2550,
-10.4787, -45.8276

■ 113.4670, -8.6112,
-38.1206

■ 118.5650, -7.1805,
-30.3135

■ 123.4780, -5.1657,
-23.2212

■ 128.6900, -3.2982,
-15.5141

■ 133.7880, -1.8675,
-7.7071

■ 139.0000, 0.0000,
0.0000

Harmonies

Analogous

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



107.7630, -47.7042, -5.9312



92.7330, -15.6444, -69.0488



96.7090, 7.5385, -84.8138

Triad

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



92.7330, -15.6444, -69.0488



100.3300, 59.4903, -87.9894



115.2230, -17.8579, 81.3654

Complementary

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



92.7330, -15.6444, -69.0488



60.2670, 15.6444, 69.0488

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.



116.5040, 6.1605, 77.6110



92.7330, -15.6444, -69.0488



120.3180, 44.7062, -12.5569

Square

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



92.7330, -15.6444, -69.0488



104.7350, 48.4446, -91.8526



122.6860, 26.7768, 45.0024



115.6680, -39.7693, 62.5582

Rectangle

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



92.7330, -15.6444, -69.0488



101.2860, 22.5370, -88.8278



122.6860, 26.7768, 45.0024



114.7100, -9.7170, 83.5693

Sweetspot

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



92.7330, -15.6444, -69.0488



162.9290, -5.8810, -27.1247



110.9960, -47.8190, -15.7825



80.8640, -3.8770, -16.5437



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.



92.7330, -15.6444, -69.0488



113.9990, -22.6775, -99.9771



99.6870, 11.0003, -75.1475



66.4510, -0.7153, -3.9035



83.7710, -16.6491, -73.4672



3.1630, -0.5734, -2.7740

Inverse Universe

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



60.2670, 15.6444, 69.0488



67.0010, 22.6775, 99.9771



53.3130, -11.0003, 75.1475



64.5490, 0.7153, 3.9035



49.2290, 16.6491, 73.4672



1.8370, 0.5734, 2.7740

Previews

White Background



This preview shows how the YUV color 92.7330, -15.6444, -69.0488 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 92.7330, -15.6444, -69.0488 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 92.7330, -15.6444, -69.0488

Background



This preview shows how black text looks on a background with the YUV color 92.7330, -15.6444, -69.0488.



This preview shows how white text looks on a background with the YUV color 92.7330, -15.6444, -69.0488.

-69.0488.

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

92.7330, -15.6444, -69.0488

Protanopia

116.4770, -30.3082, 14.4907

Deuteranopia

118.3240, -24.8097, 24.2719



Tritanopia

109.7150, 15.4235, -47.1081

Trichromacy



Original Color

92.7330, -15.6444, -69.0488

Protanomaly

107.9570, -25.1218, -15.7483

Deuteranomaly

108.9130, -21.6491, -9.5707

Tritanomaly

103.6850, 4.0993, -54.9747

Monochromacy



Original Color

92.7330, -15.6444, -69.0488

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

92.9400, -5.8864, -25.3804

CSS Examples

Text

The CSS property to change the color of the text to YUV 92.7330, -15.6444, -69.0488 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(14, 139, 61)` looks like.

```
.text, #text, p{  
    color:rgb(14, 139, 61)  
}
```

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(14, 139, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 139, 61) }
```

Border

The CSS property to change the border of an element to YUV 92.7330, -15.6444, -69.0488 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(14, 139, 61) }
```


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

```
.border{ border-color:rgb(14, 139, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 139, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 139, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 139, 61);  
box-shadow:4px 4px 4px 4px rgb(14, 139,  
61) }
```

Background

The CSS property to change the background color of an element to YUV 92.7330, -15.6444, -69.0488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 139, 61) }
```

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

```
.background{ background-color: rgb(14, 139,  
61) }
```

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