

Converting Colors

YUV(121.3350, -35.1682,
-13.4488)

Have a look what the booklet for
YUV(121.3350, -35.1682, -13.4488)
contains.

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Color

**YUV(121.3350, -35.1682,
-13.4488)**

Conversions

Conversions Part 1	
Format	Color
Hex	6A8F32
RGB	106, 143, 50
RGB Percent	42%, 56%, 20%
CMY	0.5843, 0.4392, 0.8039
CMYK	0.26, 0.00, 0.65, 0.44
HSL	84°, 48%, 38%
HSV	84°, 65%, 56%
XYZ	16.3420, 22.9394, 6.5840
YIQ	121.3350, 7.8010, -36.7670

Conversions

Conversions Part 2

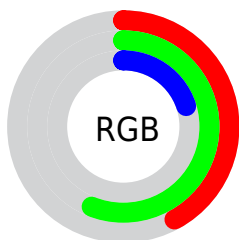
Format	Color
RYB	50, 143, 87
Decimal	6983474
CIELab	55.01, -28.05, 43.93
CIELCh	55, 52.119, 122.555
Yxy	22.9394, 0.3563, 0.5001
Android (android.graphics.Color)	4285173554 (0xFF6A8F32)
YUV	121.3350, -35.1682, -13.4488
Hunter-Lab	47.8951, -22.9113, 25.3761

Details

The YUV color **121.3350, -35.1682, -13.4488** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **71.6650, 35.1682, 13.4488**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.9930, -36.4785, -13.1489**, and **70.1500, -34.5840, -14.1636** is the 20% darker color. If you saturate the color by 10%, you get **117.9450, -40.3989, -15.7378**, and if you desaturate by 10%, it is **124.7250, -29.9374, -11.1598**.

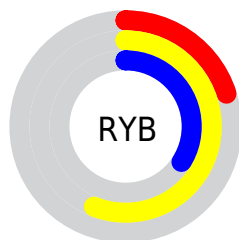
Distribution



Red (42%)

Green (56%)

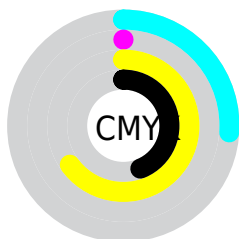
Blue (20%)



Red (20%)

Yellow (56%)

Blue (34%)

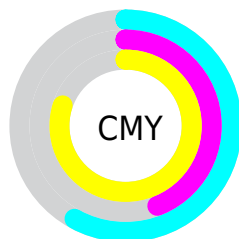


Cyan (26%)

Magenta (0%)

Yellow (65%)

Black (44%)



Cyan (58%)


Magenta (44%)


Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the YUV color 121.3350, -35.1682, -13.4488 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 121.3350, -35.1682, -13.4488 by changing the saturation by 10% instead.

 121.3350,
-35.1682, -13.4488


 121.3350,
-35.1682, -13.4488


255.0000, 0.0000,
0.0000


 95.3350, -35.1682,
-13.4488


 174.9930,
-36.4785, -13.1489

 70.1500, -34.5840,
-14.1636


 202.7650,
-37.3521, -12.9489


 48.8860, -24.1008,
-16.5630


 231.2380,
-38.0783, -13.3637

 27.0020, -13.3120,
-23.6808

 243.5740,
-30.8490, 1.2506


 15.2620, -7.5242,
-13.3848


 249.7560,
-20.0927, 4.5990


 0.0000, 0.0000,
0.0000


 253.0620, -7.4256,


1.6996

 121.3350,
-35.1682, -13.4488


 121.3350,
-35.1682, -13.4488


 117.9450,
-40.3989, -15.7378


 124.7250,
-29.9374, -11.1598


 114.7400,
-46.2138, -17.3120

 127.9300,
-24.1225, -9.5856

 111.3500,
-51.4445, -19.6009

 131.3200,
-18.8918, -7.2966

 109.6550,
-54.0599, -20.7454

 134.7100,
-13.6610, -5.0077

 137.9150, -7.8461,
-3.4335

 141.3050, -2.6154,
-1.1445

■ 144.6950, 2.6154,
1.1445

■ 148.0850, 7.8461,
3.4335

■ 151.2900, 13.6610,
5.0077

Harmonies

Analogous

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



126.1070, -45.9018, 22.7082



121.3350, -35.1682, -13.4488



107.9490, -9.8349, -65.7303

Triad

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



121.3350, -35.1682, -13.4488



110.3430, 49.6239, -96.7708



131.0380, -0.5117, 71.0037

Complementary

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



121.3350, -35.1682, -13.4488



71.6650, 35.1682, 13.4488

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.



134.7590, 19.3458, 48.4464



121.3350, -35.1682, -13.4488



112.0280, 54.2162, -76.3236

Square

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



121.3350, -35.1682, -13.4488



110.2170, 33.9100, -96.6603



134.2400, 36.3637, 3.2975



129.5330, -21.4618, 70.5696

Rectangle

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



121.3350, -35.1682, -13.4488



103.3770, 7.7021, -90.6616



134.2400, 36.3637, 3.2975



132.1390, 6.3405, 66.5301

Sweetspot

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



121.3350, -35.1682, -13.4488



177.2970, -13.9504, -5.5225



98.9390, -24.1269, 38.6415



88.8010, -8.2829, -3.3335



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



121.3350, -35.1682, -13.4488



152.1280, -54.7861, -21.1603



107.8800, -28.5348, -41.1138



69.6040, -2.7628, -0.5297



103.4640, -51.0078, -19.7009



6.1910, -3.0522, -1.0445

Inverse Universe

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



71.6650, 35.1682, 13.4488



74.8720, 54.7861, 21.1603



85.1200, 28.5348, 41.1138



65.6950, 2.6154, 1.1445



31.5360, 51.0078, 19.7009



1.8090, 3.0522, 1.0445

Previews

White Background



This preview shows how the YUV color 121.3350, -35.1682, -13.4488 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 121.3350, -35.1682, -13.4488 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 121.3350, -35.1682, -13.4488 Background



This preview shows how black text looks on a background with the YUV color 121.3350, -35.1682, -13.4488.



This preview shows how white text looks on a background with the YUV color 121.3350, -35.1682, -13.4488.

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

121.3350, -35.1682, -13.4488

Protanopia

126.7950, -39.3389, 17.7198

Deuteranopia

128.4960, -35.7405, 30.2600



Tritanopia

130.3560, 6.7265, -10.8362

Trichromacy



Original Color
121.3350, -35.1682, -13.4488

Protanomaly
124.7720, -37.8486, 6.3390

Deuteranomaly
126.0980, -35.5443, 13.9461

Tritanomaly
127.0450, -8.4032, -11.4405

Monochromacy



Original Color
121.3350, -35.1682, -13.4488

Achromatopsia
121.0000, 0.0000, 0.0000

Achromatomaly
121.2370, -12.9348, -4.5928

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.3350, -35.1682, -13.4488 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(106, 143, 50)` looks like.

```
.text, #text, p{  
    color:rgb(106, 143, 50)  
}
```

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(106, 143, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 143, 50) }
```

Border

The CSS property to change the border of an element to YUV 121.3350, -35.1682, -13.4488 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(106, 143, 50) }
```


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

```
.border{ border-color:rgb(106, 143, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 143, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 143, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 143, 50);  
box-shadow:4px 4px 4px 4px rgb(106, 143,  
50) }
```

Background

The CSS property to change the background color of an element to YUV 121.3350, -35.1682, -13.4488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 143, 50) }
```

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

```
.background{ background-color: rgb(106,  
143, 50) }
```

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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