

Converting Colors

YUV(69.1230, 33.4634,
-46.5889)

Have a look what the booklet for
YUV(69.1230, 33.4634, -46.5889)
contains.

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Color

**YUV(69.1230, 33.4634,
-46.5889)**

Conversions

Conversions Part 1

Format	Color
Hex	105389
RGB	16, 83, 137
RGB Percent	6%, 33%, 54%
CMY	0.9373, 0.6745, 0.4627
CMYK	0.88, 0.39, 0.00, 0.46
HSL	207°, 79%, 30%
HSV	207°, 88%, 54%
XYZ	7.8223, 8.1028, 24.8186
YIQ	69.1230, -57.2660, 2.5900

Conversions

Conversions Part 2

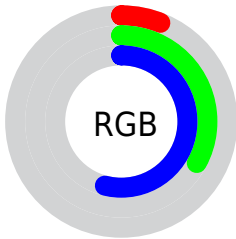
Format	Color
R_{YB}	16, 59, 137
Decimal	1069961
CIE _{Lab}	34.20, 1.13, -35.63
CIE _{LCh}	34, 35.644, 271.810
Yxy	8.1028, 0.1920, 0.1989
Android (android.graphics.Color)	4279260041 (0xFF105389)
YUV	69.1230, 33.4634, -46.5889
Hunter-Lab	28.4654, -0.7628, -31.7683

Details

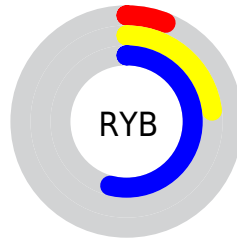
The YUV color **69.1230, 33.4634, -46.5889** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **83.8770, -33.4634, 46.5889**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.3740, 32.8466, -35.4080**, and **32.8110, 26.7152, -28.7752** is the 20% darker color. If you saturate the color by 10%, you get **61.4150, 37.2634, -52.1070**, and if you desaturate by 10%, it is **76.8310, 29.6633, -41.0708**.

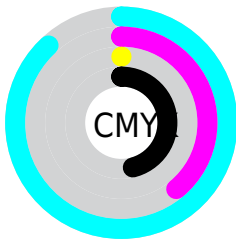
Distribution



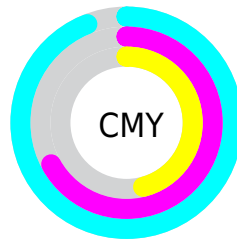
- Red (6%)
- Green (33%)
- Blue (54%)



- Red (6%)
- Yellow (23%)
- Blue (54%)



- Cyan (88%)
- Magenta (39%)
- Yellow (0%)
- Black (46%)



- Cyan (94%)
- Magenta (67%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.1230, 33.4634, -46.5889 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 69.1230, 33.4634, -46.5889 by changing the saturation by 10% instead.

■ 69.1230, 33.4634,
-46.5889

■ 69.1230, 33.4634,
-46.5889

■ 255.0000, 0.0000,
0.0000

■ 47.8740, 31.1211,
-41.9855

■ 124.3740, 32.8466,
-35.4080

■ 32.8110, 26.7152,
-28.7752

■ 151.2000, 33.4254,
-34.3784

■ 17.7480, 22.3092,
-15.5650

■ 178.6130, 33.7148,
-33.8636

■ 6.3210, 16.6037,
-5.5435

■ 204.0450, 25.1208,
-30.7345

■ 2.6390, 7.5730,
-2.3144

■ 229.7390, 12.4537,
-27.8351

■ 0.0000, 0.0000,
0.0000

■ 246.6280, 4.1274,

-17.2138

■ 69.1230, 33.4634,
-46.5889

■ 69.1230, 33.4634,
-46.5889

■ 61.4150, 37.2634,
-52.1070

■ 76.8310, 29.6633,
-41.0708

■ 60.2300, 37.8476,
-52.8217

■ 84.2400, 26.0107,
-36.1675

■ 91.9480, 22.2106,
-30.6494

■ 99.6560, 18.4106,
-25.1313

■ 107.6520, 14.4686,
-20.7428

■ 115.3600, 10.6685,
-15.2247

■ 123.0680, 6.8685,
-9.7066

■ 130.7760, 3.0684,
-4.1886

■ 138.1850, -0.5842,
0.7148

Harmonies

Analogous

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



67.6500, 30.7385, -59.3291



69.1230, 33.4634, -46.5889



82.0860, 23.1286, 1.6786

Triad

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



69.1230, 33.4634, -46.5889



79.4310, -13.5235, 44.3490



66.8090, -7.3008, -38.4205

Complementary

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



69.1230, 33.4634, -46.5889



83.8770, -33.4634, 46.5889

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.



73.8100, -22.0913, -7.7264



69.1230, 33.4634, -46.5889



78.9060, -24.1107, 33.4084

Square

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



69.1230, 33.4634, -46.5889



80.5740, -0.2830, 44.2236



77.2320, -28.7084, 14.7055



64.4120, 8.1779, -56.4893

Rectangle

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



69.1230, 33.4634, -46.5889



82.7850, 16.3750, 21.2366



77.2320, -28.7084, 14.7055



70.6920, -13.1592, -26.0399

Sweetspot

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



69.1230, 33.4634, -46.5889



152.6200, 13.0053, -18.0837



92.9550, -12.3028, -67.4895



73.8830, 7.4527, -10.4214



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



69.1230, 33.4634, -46.5889



78.5190, 49.5371, -68.8612



34.4900, 50.5374, -16.2157



65.1460, 1.9000, -2.7590



58.0130, 36.9686, -50.8774



2.3310, 1.3158, -2.0443

Inverse Universe

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



59.8170, 11.4292, 67.6895



64.8070, 16.8571, 100.1473



118.5100, -50.5374, 16.2157



64.5490, 0.7153, 3.9035



48.0890, 12.2811, 74.4669



1.8370, 0.5734, 2.7740

Previews

White Background



This preview shows how the YUV color 69.1230, 33.4634, -46.5889 looks on a white 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

Black Background



This preview shows how the YUV color 69.1230, 33.4634, -46.5889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

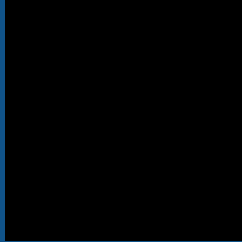
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 69.1230, 33.4634, -46.5889

Background



This preview shows how black text looks on a background with the YUV color 69.1230, 33.4634, -46.5889.



This preview shows how white text looks on a background with the YUV color 69.1230, 33.4634,

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

69.1230, 33.4634, -46.5889

Protanopia

78.8770, 26.6826, -18.3091

Deuteranopia

74.2280, 30.9466, -32.6490



Tritanopia

63.1870, 16.1768, -55.4150

Trichromacy



Original Color

69.1230, 33.4634, -46.5889

Protanomaly

75.0930, 29.0412, -28.1456

Deuteranomaly

72.4230, 31.8365, -38.0820

Tritanomaly

65.5170, 22.4231, -52.1964

Monochromacy



Original Color

69.1230, 33.4634, -46.5889

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

69.1040, 12.2737, -16.7542

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.1230, 33.4634, -46.5889 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(16, 83, 137)` looks like.

```
.text, #text, p{  
    color:rgb(16, 83, 137)  
}
```

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(16, 83, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 83, 137) }
```

Border

The CSS property to change the border of an element to YUV 69.1230, 33.4634, -46.5889 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(16, 83, 137) }
```


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

```
.border{ border-color:rgb(16, 83, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 83, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 83, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 83, 137);  
box-shadow:4px 4px 4px 4px rgb(16, 83,  
137) }
```

Background

The CSS property to change the background color of an element to YUV 69.1230, 33.4634, -46.5889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 83, 137) }
```

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

```
.background{ background-color: rgb(16, 83,  
137) }
```

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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