

Converting Colors

YUV(136.2390, 30.9412,
-30.9046)

Have a look what the booklet for
YUV(136.2390, 30.9412, -30.9046)
contains.

YUV(136.2390, 30.9412, -30.9046)	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(136.2390, 30.9412,
-30.9046)**

Conversions

Conversions Part 1

Format	Color
Hex	658EC7
RGB	101, 142, 199
RGB Percent	40%, 56%, 78%
CMY	0.6039, 0.4431, 0.2196
CMYK	0.49, 0.29, 0.00, 0.22
HSL	215°, 47%, 59%
HSV	215°, 49%, 78%
XYZ	25.3486, 26.2362, 57.7609
YIQ	136.2390, -42.7330, 9.0350

Conversions

Conversions Part 2

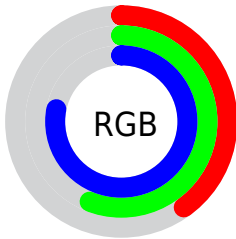
Format	Color
R_{YB}	101, 130, 199
Decimal	6655687
CIE _{Lab}	58.26, 1.75, -33.87
CIE _{LCh}	58, 33.913, 272.963
Yxy	26.2362, 0.2318, 0.2399
Android (android.graphics.Color)	4284845767 (0xFF658EC7)
YUV	136.2390, 30.9412, -30.9046
Hunter-Lab	51.2213, -1.3004, -31.0048

Details

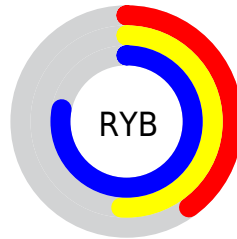
The YUV color **136.2390, 30.9412, -30.9046** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **163.7610, -30.9412, 30.9046**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.4780, 31.8093, -29.3602**, and **83.3910, 30.3732, -35.4229** is the 20% darker color. If you saturate the color by 10%, you get **123.2150, 37.3620, -37.0226**, and if you desaturate by 10%, it is **149.2630, 24.5203, -24.7867**.

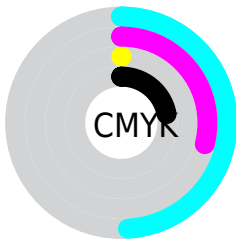
Distribution



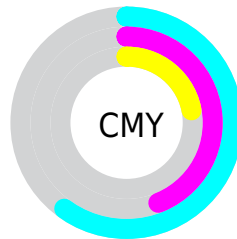
- Red (40%)
- Green (56%)
- Blue (78%)



- Red (40%)
- Yellow (51%)
- Blue (78%)



- Cyan (49%)
- Magenta (29%)
- Yellow (0%)
- Black (22%)



- Cyan (60%)
- Magenta (44%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.2390, 30.9412, -30.9046 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 136.2390, 30.9412, -30.9046 by changing the saturation by 10% instead.

■ 136.2390, 30.9412,
-30.9046

■ 136.2390, 30.9412,
-30.9046

255.0000, 0.0000,
0.0000

■ 110.1140, 30.5098,
-32.5490

■ 190.4780, 31.8093,
-29.3602

■ 83.3910, 30.3732,
-35.4229

■ 215.2860, 19.5790,
-26.5608

■ 54.0690, 32.0110,
-47.4185

■ 240.9800, 6.9119,
-23.6615

■ 38.3050, 27.4576,
-33.5935

■ 251.4120, 1.7689,
-7.3773

■ 23.8290, 22.7623,
-20.8980

■ 7.7060, 19.3719,
-6.7582

■ 3.5510, 11.0674,

-3.1142

■ 0.0000, 0.0000,
0.0000

■ 136.2390, 30.9412,
-30.9046

■ 136.2390, 30.9412,
-30.9046

■ 123.2150, 37.3620,
-37.0226

■ 149.2630, 24.5203,
-24.7867

■ 110.7780, 43.4934,
-43.6553

■ 161.7000, 18.3889,
-18.1539

■ 97.7540, 49.9143,
-49.7733

■ 174.7240, 11.9681,
-12.0359

■ 85.3170, 56.0457,
-56.4060

■ 187.1610, 5.8366,
-5.4032

■ 72.2930, 62.4666,
-62.5240

■ 200.1850, -0.5842,
0.7148

■ 71.4070, 62.9033,
-62.6239

■ 212.3230, -6.5682,
6.7327

■ 225.3470,
-12.9891, 12.8507

■ 236.8760,
-18.6729, 15.8947

■ 243.3330,
-21.8562, 10.2320

Harmonies

Analogous

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



123.0940, 33.9707, -69.3654



136.2390, 30.9412, -30.9046



142.5100, 23.4126, 3.9377

Triad

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



136.2390, 30.9412, -30.9046



141.4700, -16.0077, 47.8228



129.1900, -8.4747, -35.2466

Complementary

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



136.2390, 30.9412, -30.9046



163.7610, -30.9412, 30.9046

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.



134.3970, -22.3807, -8.2412



136.2390, 30.9412, -30.9046



139.8740, -25.5739, 36.0675

Square

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



136.2390, 30.9412, -30.9046



143.0150, -2.4724, 46.4678



137.6560, -28.4244, 16.9647



121.2150, 10.2470, -66.8406

Rectangle

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



136.2390, 30.9412, -30.9046



143.9810, 15.7854, 23.6957



137.6560, -28.4244, 16.9647



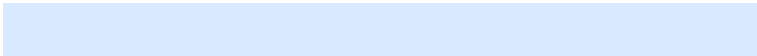
131.4640, -14.0328, -25.8399

Sweetspot

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



136.2390, 30.9412, -30.9046



230.7240, 11.9681, -12.0359



164.9100, -3.8996, -56.0491



112.9050, 7.4418, -6.9327



0.0000, 0.0000, 0.0000



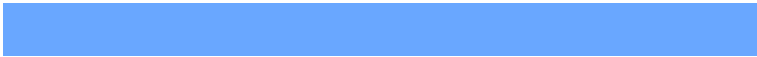
128.0000, 0.0000, 0.0000

Same Dimension

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



136.2390, 30.9412, -30.9046



158.4940, 47.5775, -46.9142



114.2650, 41.7744, -5.4944



93.3740, 2.7736, -2.9590



58.4980, 51.5195, -51.3027



12.9090, 11.3839, -11.3212

Inverse Universe

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



134.9760, 3.4628, 56.1490



156.9180, 4.9704, 86.0179



185.7350, -41.7744, 5.4944



93.1470, 0.4205, 5.1331



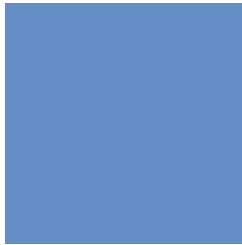
56.4890, 5.6749, 93.4101



12.4740, 1.2453, 20.6323

Previews

White Background



This preview shows how the YUV color 136.2390, 30.9412, -30.9046 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 136.2390, 30.9412, -30.9046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

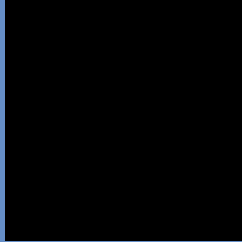
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 136.2390, 30.9412, -30.9046

Background



This preview shows how black text looks on a background with the YUV color 136.2390, 30.9412, -30.9046.



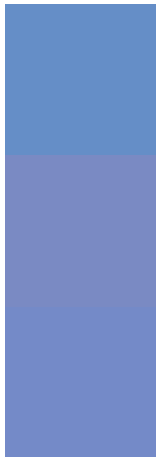
This preview shows how white text looks on a background with the YUV color 136.2390, 30.9412, -30.9046.

-30.9046.

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

136.2390, 30.9412, -30.9046

Protanopia

139.7140, 27.2560, -15.5352

Deuteranopia

138.4900, 30.3244, -19.7237



Tritanopia

132.4280, 14.0860, -38.0864

Trichromacy



Original Color

136.2390, 30.9412, -30.9046

Protanomaly

138.0230, 28.5827, -21.0682

Deuteranomaly

137.5820, 30.7721, -23.3124

Tritanomaly

133.4590, 20.4797, -35.4825

Monochromacy



Original Color

136.2390, 30.9412, -30.9046

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

135.9090, 11.3839, -11.3212

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.2390, 30.9412, -30.9046 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(101, 142, 199)` looks like.

```
.text, #text, p{  
    color:rgb(101, 142, 199)  
}
```

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(101, 142, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 142, 199) }
```

Border

The CSS property to change the border of an element to YUV 136.2390, 30.9412, -30.9046 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(101, 142, 199) }
```


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

```
.border{ border-color:rgb(101, 142, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 142, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 142, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 142, 199);  
box-shadow:4px 4px 4px 4px rgb(101, 142,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 136.2390, 30.9412, -30.9046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 142, 199) }
```

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

```
.background{ background-color: rgb(101,  
142, 199) }
```

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