

Converting Colors

YUV(136.8010, 42.0031,
-32.2745)

Have a look what the booklet for
YUV(136.8010, 42.0031, -32.2745)
contains.

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Color

**YUV(136.8010, 42.0031,
-32.2745)**

Conversions

Conversions Part 1

Format	Color
Hex	648BDE
RGB	100, 139, 222
RGB Percent	39%, 55%, 87%
CMY	0.6078, 0.4549, 0.1294
CMYK	0.55, 0.37, 0.00, 0.13
HSL	221°, 65%, 63%
HSV	221°, 55%, 87%
XYZ	27.6730, 26.4485, 72.7538
YIQ	136.8010, -49.8870, 17.5450

Conversions

Conversions Part 2

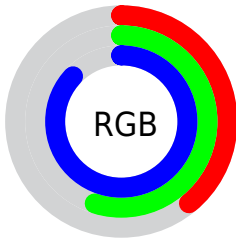
Format	Color
RYB	100, 130, 222
Decimal	6589406
CIELab	58.46, 10.44, -46.47
CIELCh	58, 47.627, 282.665
Yxy	26.4485, 0.2181, 0.2085
Android (android.graphics.Color)	4284779486 (0xFF648BDE)
YUV	136.8010, 42.0031, -32.2745
Hunter-Lab	51.4281, 6.0500, -47.8761

Details

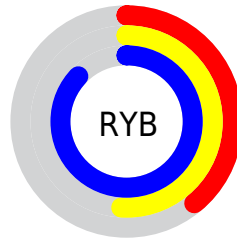
The YUV color **136.8010, 42.0031, -32.2745** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **185.1990, -42.0031, 32.2745**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.0160, 32.5301, -27.2010**, and **82.2190, 41.3040, -41.4111** is the 20% darker color. If you saturate the color by 10%, you get **121.4180, 49.5869, -38.0776**, and if you desaturate by 10%, it is **152.1840, 34.4193, -26.4714**.

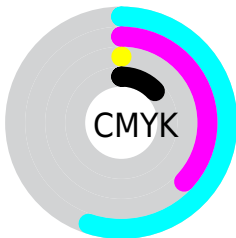
Distribution



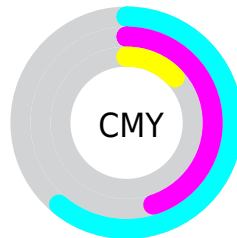
- Red (39%)
- Green (55%)
- Blue (87%)



- Red (39%)
- Yellow (51%)
- Blue (87%)



- Cyan (55%)
- Magenta (37%)
- Yellow (0%)
- Black (13%)



- Cyan (61%)
- Magenta (45%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.8010, 42.0031, -32.2745 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 136.8010, 42.0031, -32.2745 by changing the saturation by 10% instead.

■ 136.8010, 42.0031,
-32.2745

■ 136.8010, 42.0031,
-32.2745

255.0000, 0.0000,
0.0000

■ 109.9640, 41.4297,
-35.0484

■ 189.0160, 32.5301,
-27.2010

■ 82.2190, 41.3040,
-41.4111

■ 214.1230, 20.1524,
-23.7869

■ 55.2890, 41.7625,
-48.4885

■ 239.5290, 7.6272,
-19.7579

■ 39.4110, 36.7724,
-34.5634

■ 252.3090, 1.3267,
-5.5330

■ 25.4080, 31.3509,
-22.2828

■ 9.7580, 27.2343,
-8.5578

■ 6.5490, 17.4773,

-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 0.0000, 0.0000,
0.0000

■ 136.8010, 42.0031,
-32.2745

■ 136.8010, 42.0031,
-32.2745

■ 121.4180, 49.5869,
-38.0776

■ 152.1840, 34.4193,
-26.4714

■ 106.0350, 57.1707,
-43.8807

■ 167.5670, 26.8355,
-20.6683

■ 90.3530, 64.9020,
-50.2986

■ 183.2490, 19.1042,
-14.2504

■ 74.9700, 72.4858,
-56.1017

■ 198.6320, 11.5204,
-8.4473

■ 66.9850, 76.4224,
-58.7458

■ 214.6020, 3.6472,
-3.1590

■ 229.9850, -3.9366,
2.6442

■ 245.3680,
-11.5204, 8.4473

■ 251.2380,
-14.4143, 3.2993

Harmonies

Analogous

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



114.3040, 52.1081, -100.2446



136.8010, 42.0031, -32.2745



144.2760, 28.4579, 19.0519

Triad

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



136.8010, 42.0031, -32.2745



139.5120, -26.3814, 61.8180



113.1950, 0.3969, -80.8550

Complementary

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



136.8010, 42.0031, -32.2745



185.1990, -42.0031, 32.2745

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.



129.3750, -25.8209, -24.8849



136.8010, 42.0031, -32.2745



138.3510, -39.1200, 40.9112

Square

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



136.8010, 42.0031, -32.2745



140.9530, -8.3578, 67.5702



134.7510, -39.3172, 10.7424



113.1060, 22.1327, -99.1940

Rectangle

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



136.8010, 42.0031, -32.2745



144.5690, 17.4675, 44.2280



134.7510, -39.3172, 10.7424



122.2000, -10.4516, -54.5494

Sweetspot

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



136.8010, 42.0031, -32.2745



226.3050, 14.1466, -10.7915



180.8480, 0.0749, -70.9037



110.5460, 8.6048, -6.6178



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.



136.8010, 42.0031, -32.2745



137.8500, 57.7550, -44.5954



119.8880, 50.3412, 0.0982



104.6020, 3.6472, -3.1590



52.9360, 60.6706, -46.4249



14.2770, 16.6254, -12.5209

Inverse Universe

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



140.9240, -0.9485, 71.1037



143.3880, -1.1773, 97.8837



202.1120, -50.3412, -0.0982



104.7450, 0.1257, 6.3626



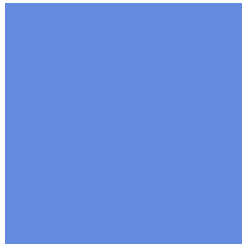
59.0080, -1.4829, 102.6020



16.0620, -0.5236, 28.0096

Previews

White Background



This preview shows how the YUV color 136.8010, 42.0031, -32.2745 looks on a white background.

Color Contrast Check

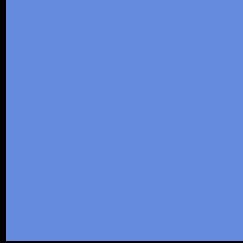
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.8010, 42.0031, -32.2745 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 136.8010, 42.0031, -32.2745

Background



This preview shows how black text looks on a background with the YUV color 136.8010, 42.0031, -32.2745.



This preview shows how white text looks on a background with the YUV color 136.8010, 42.0031, -32.2745.

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

136.8010, 42.0031, -32.2745

Protanopia

138.0900, 40.3816, -25.5119

Deuteranopia

135.8930, 42.4508, -35.8632



Tritanopia

130.5410, 16.0023, -46.0785

Trichromacy



Original Color

136.8010, 42.0031, -32.2745

Protanomaly

137.8940, 40.9713, -27.9710

Deuteranomaly

136.4910, 42.1559, -34.6336

Tritanomaly

132.9790, 25.1534, -41.2006

Monochromacy



Original Color

136.8010, 42.0031, -32.2745

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

137.2340, 15.1676, -11.6062

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.8010, 42.0031, -32.2745 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(100, 139, 222)` looks like.

```
.text, #text, p{  
    color:rgb(100, 139, 222)  
}
```

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(100, 139, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 139, 222) }
```

Border

The CSS property to change the border of an element to YUV 136.8010, 42.0031, -32.2745 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

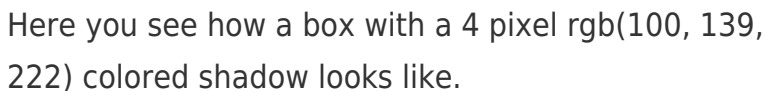
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(100, 139, 222) }
```


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

```
.border{ border-color:rgb(100, 139, 222) }
```

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



Here you see how a box with a 4 pixel `rgb(100, 139, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(100, 139, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(100, 139, 222); box-shadow:4px 4px 4px 4px rgb(100, 139, 222) }
```

Background

The CSS property to change the background color of an element to YUV 136.8010, 42.0031, -32.2745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 139, 222) }
```

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

```
.background{ background-color: rgb(100,  
139, 222) }
```

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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