

Converting Colors

YUV(136.7770, 28.2109,
-41.9004)

Have a look what the booklet for
YUV(136.7770, 28.2109, -41.9004)
contains.

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Color

**YUV(136.7770, 28.2109,
-41.9004)**

Conversions

Conversions Part 1

Format	Color
Hex	5996C2
RGB	89, 150, 194
RGB Percent	35%, 59%, 76%
CMY	0.6510, 0.4118, 0.2392
CMYK	0.54, 0.23, 0.00, 0.24
HSL	205°, 46%, 55%
HSV	205°, 54%, 76%
XYZ	24.7638, 27.8316, 55.1058
YIQ	136.7770, -50.4800, 0.7520

Conversions

Conversions Part 2

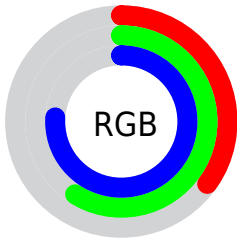
Format	Color
R_{YB}	89, 128, 194
Decimal	5871298
CIE _{Lab}	59.74, -7.10, -28.80
CIE _{LCh}	60, 29.666, 256.148
Yxy	27.8316, 0.2299, 0.2584
Android (android.graphics.Color)	4284061378 (0xFF5996C2)
YUV	136.7770, 28.2109, -41.9004
Hunter-Lab	52.7556, -8.5336, -25.0023

Details

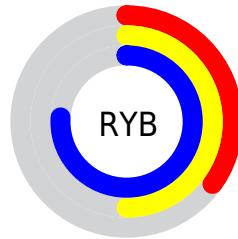
The YUV color **136.7770, 28.2109, -41.9004** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **146.2230, -28.2109, 41.9004**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.7170, 29.2265, -40.9708**, and **81.5480, 28.8168, -49.5926** is the 20% darker color. If you saturate the color by 10%, you get **126.4000, 33.3268, -49.4628**, and if you desaturate by 10%, it is **147.1540, 23.0951, -34.3381**.

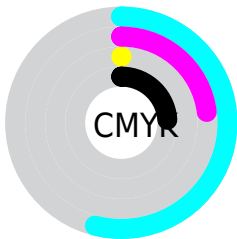
Distribution



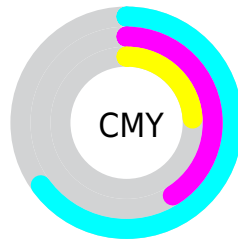
- Red (35%)
- Green (59%)
- Blue (76%)



- Red (35%)
- Yellow (50%)
- Blue (76%)



- Cyan (54%)
- Magenta (23%)
- Yellow (0%)
- Black (24%)



- Cyan (65%)
- Magenta (41%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.7770, 28.2109, -41.9004 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 136.7770, 28.2109, -41.9004 by changing the saturation by 10% instead.

■ 136.7770, 28.2109,
-41.9004

■ 136.7770, 28.2109,
-41.9004

■ 255.0000, 0.0000,
0.0000

■ 109.7660, 28.2164,
-43.6448

■ 191.7170, 29.2265,
-40.9708

■ 81.5480, 28.8168,
-49.5926

■ 217.2800, 18.5960,
-37.9566

■ 57.7220, 28.2381,
-50.6222

■ 239.4520, 7.6652,
-31.9684

■ 41.3710, 23.9741,
-36.2824

■ 248.1230, 3.3904,
-14.1399

■ 26.3080, 19.5682,
-23.0721

■ 6.7770, 18.3509,
-5.9434

■ 3.0950, 9.3202,

-2.7143

■ 0.0000, 0.0000,
0.0000

■ 136.7770, 28.2109,
-41.9004

■ 136.7770, 28.2109,
-41.9004

■ 126.4000, 33.3268,
-49.4628

■ 147.1540, 23.0951,
-34.3381

■ 115.7240, 38.5901,
-57.6399

■ 157.8300, 17.8318,
-26.1609

■ 105.3470, 43.7059,
-65.2023

■ 168.2070, 12.7159,
-18.5985

■ 94.0840, 49.2586,
-72.8647

■ 179.4700, 7.1633,
-10.9362

■ 88.4470, 52.0376,
-77.5680

■ 189.8470, 2.0474,
-3.3738

■ 200.2240, -3.0684,
4.1886

■ 210.9000, -8.3317,
12.3657

■ 221.2770,
-13.4476, 19.9281

■ 229.2620,
-17.3842, 22.5722

Harmonies

Analogous

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



128.9500, 25.6607, -63.9771



136.7770, 28.2109, -41.9004



144.3400, 24.4824, -12.5762

Triad

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



136.7770, 28.2109, -41.9004



146.3260, -7.5557, 43.5641



137.2910, -14.9335, -16.9182

Complementary

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



136.7770, 28.2109, -41.9004



146.2230, -28.2109, 41.9004

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.



140.8440, -23.5871, 5.3988



136.7770, 28.2109, -41.9004



145.3180, -18.8908, 39.1861

Square

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



136.7770, 28.2109, -41.9004



147.1860, 4.8383, 34.9169



143.0360, -24.6677, 25.4014



132.8070, -0.8909, -41.0497

Rectangle

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



136.7770, 28.2109, -41.9004



146.4950, 19.4760, 6.5819



143.0360, -24.6677, 25.4014



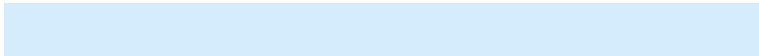
138.4230, -18.4495, -9.1410

Sweetspot

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



136.7770, 28.2109, -41.9004



230.6480, 10.5265, -16.3543



155.6510, -11.1669, -58.4529



114.0680, 6.8685, -9.7066



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.



136.7770, 28.2109, -41.9004



163.0480, 43.8533, -65.8171



106.2530, 43.2593, -15.1309



91.6620, 2.6316, -4.0886



72.9450, 43.4111, -63.9728



14.9150, 8.9159, -13.0805

Inverse Universe

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



127.3490, 11.1669, 58.4529



147.9800, 17.7579, 91.2255



176.7470, -43.2593, 15.1309



90.6740, 1.1467, 5.5479



58.7410, 16.8897, 89.6811



12.0330, 3.4347, 18.3881

Previews

White Background



This preview shows how the YUV color 136.7770, 28.2109, -41.9004 looks on a white background.

Color Contrast Check

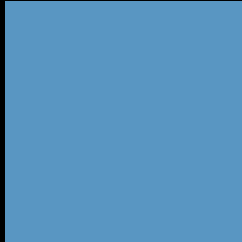
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.7770, 28.2109, -41.9004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

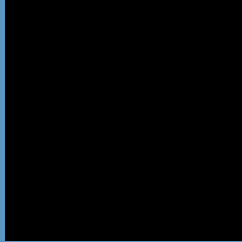
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 136.7770, 28.2109, -41.9004

Background



This preview shows how black text looks on a background with the YUV color 136.7770, 28.2109, -41.9004.



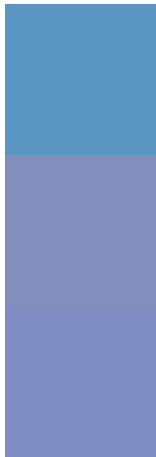
This preview shows how white text looks on a background with the YUV color 136.7770, 28.2109, -41.9004.

-41.9004.

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

136.7770, 28.2109, -41.9004

Protanopia

143.9550, 21.7142, -11.3615

Deuteranopia

143.0840, 26.0876, -14.1057



Tritanopia

133.6440, 16.4445, -47.9228

Trichromacy



Original Color

136.7770, 28.2109, -41.9004

Protanomaly

141.4590, 23.9307, -22.3275

Deuteranomaly

140.5450, 26.8463, -24.1570

Tritanomaly

134.8060, 20.8016, -45.4339

Monochromacy



Original Color

136.7770, 28.2109, -41.9004

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

137.2460, 10.2317, -15.1247

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.7770, 28.2109, -41.9004 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(89, 150, 194)` looks like.

```
.text, #text, p{  
    color:rgb(89, 150, 194)  
}
```

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(89, 150, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 150, 194) }
```

Border

The CSS property to change the border of an element to YUV 136.7770, 28.2109, -41.9004 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(89, 150, 194) }
```


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

```
.border{ border-color:rgb(89, 150, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 150, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 150, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 150, 194);  
box-shadow:4px 4px 4px 4px rgb(89, 150,  
194) }
```

Background

The CSS property to change the background color of an element to YUV 136.7770, 28.2109, -41.9004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 150, 194) }
```

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

```
.background{ background-color: rgb(89, 150,  
194) }
```

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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