

Converting Colors

YUV(135.0870, 28.0581,
-39.5413)

Have a look what the booklet for
YUV(135.0870, 28.0581, -39.5413)
contains.

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Color

**YUV(135.0870, 28.0581,
-39.5413)**

Conversions

Conversions Part 1

Format	Color
Hex	5A93C0
RGB	90, 147, 192
RGB Percent	35%, 58%, 75%
CMY	0.6471, 0.4235, 0.2471
CMYK	0.53, 0.23, 0.00, 0.25
HSL	206°, 45%, 55%
HSV	206°, 53%, 75%
XYZ	24.1646, 26.8469, 53.7775
YIQ	135.0870, -48.4170, 1.9110

Conversions

Conversions Part 2

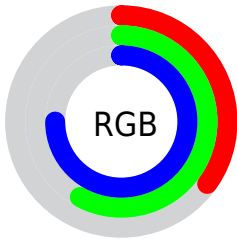
Format	Color
R_{YB}	90, 127, 192
Decimal	5936064
CIE _{Lab}	58.83, -5.80, -29.07
CIE _{LCh}	59, 29.644, 258.712
Yxy	26.8469, 0.2306, 0.2562
Android (android.graphics.Color)	4284126144 (0xFF5A93C0)
YUV	135.0870, 28.0581, -39.5413
Hunter-Lab	51.8140, -7.4270, -25.2671

Details

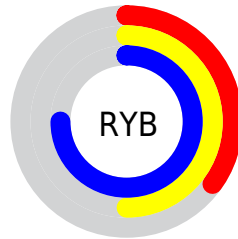
The YUV color **135.0870, 28.0581, -39.5413** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **146.9130, -28.0581, 39.5413**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.0270, 29.0737, -38.6117**, and **81.0430, 28.0798, -46.5187** is the 20% darker color. If you saturate the color by 10%, you get **124.7100, 33.1740, -47.1037**, and if you desaturate by 10%, it is **145.4640, 22.9422, -31.9789**.

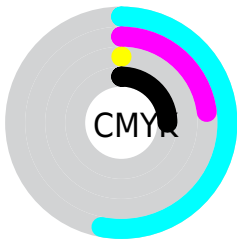
Distribution



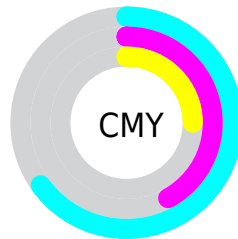
- Red (35%)
- Green (58%)
- Blue (75%)



- Red (35%)
- Yellow (50%)
- Blue (75%)



- Cyan (53%)
- Magenta (23%)
- Yellow (0%)
- Black (25%)



- Cyan (65%)
- Magenta (42%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.0870, 28.0581, -39.5413 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 135.0870, 28.0581, -39.5413 by changing the saturation by 10% instead.

■ 135.0870, 28.0581,
-39.5413

■ 135.0870, 28.0581,
-39.5413

■ 255.0000, 0.0000,
0.0000

■ 108.0760, 28.0635,
-41.2857

■ 190.0270, 29.0737,
-38.6117

■ 81.0430, 28.0798,
-46.5187

■ 215.5190, 19.4641,
-36.4122

■ 55.7330, 28.2326,
-48.8778

■ 239.4520, 7.6652,
-31.9684

■ 39.9690, 23.6793,
-35.0528

■ 248.1230, 3.3904,
-14.1399

■ 24.9060, 19.2733,
-21.8426

■ 6.5490, 17.4773,
-5.7435

■ 2.9810, 8.8834,

-2.6143

■ 0.0000, 0.0000,
0.0000

■ 135.0870, 28.0581,
-39.5413

■ 135.0870, 28.0581,
-39.5413

■ 124.7100, 33.1740,
-47.1037

■ 145.4640, 22.9422,
-31.9789

■ 113.7460, 38.5792,
-54.1512

■ 156.4280, 17.5370,
-24.9314

■ 103.0700, 43.8425,
-62.3284

■ 167.1040, 12.2737,
-16.7542

■ 92.1060, 49.2477,
-69.3760

■ 178.0680, 6.8685,
-9.7066

■ 84.6970, 52.9004,
-74.2793

■ 188.4450, 1.7526,
-2.1443

■ 199.4090, -3.6526,
4.9033

■ 209.7860, -8.7685,
12.4657

■ 221.0490,
-14.3212, 20.1280

■ 229.0340,
-18.2578, 22.7722

Harmonies

Analogous

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



126.7760, 26.2394, -62.9476



135.0870, 28.0581, -39.5413



141.9490, 24.1821, -9.6023

Triad

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



135.0870, 28.0581, -39.5413



143.6850, -8.7187, 43.2493



134.5080, -14.0544, -18.8625

Complementary

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



135.0870, 28.0581, -39.5413



146.9130, -28.0581, 39.5413

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.



138.3600, -22.8555, 4.0693



135.0870, 28.0581, -39.5413



142.6060, -19.0328, 38.0565

Square

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



135.0870, 28.0581, -39.5413



145.1430, 3.3805, 35.8316



141.0250, -24.6623, 23.6571



130.0240, -0.0118, -42.9940

Rectangle

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



135.0870, 28.0581, -39.5413



144.5770, 18.4495, 9.1410



141.0250, -24.6623, 23.6571



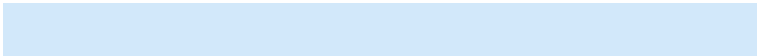
136.2270, -17.8599, -11.6001

Sweetspot

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



135.0870, 28.0581, -39.5413



227.4740, 11.1053, -15.3247



154.8900, -10.2988, -56.9085



111.3670, 6.7211, -9.0919



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



135.0870, 28.0581, -39.5413



160.4830, 44.1319, -61.8136



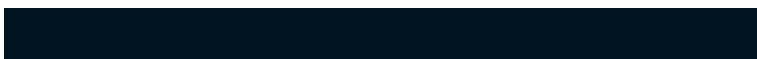
105.7370, 42.5277, -13.8013



91.6620, 2.6316, -4.0886



71.1840, 44.2793, -62.4284



14.9150, 8.9159, -13.0805

Inverse Universe

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



126.9960, 9.8620, 57.0085



147.9860, 15.2899, 89.4663



176.2630, -42.5277, 13.8013



90.6740, 1.1467, 5.5479



58.3990, 15.5793, 89.9811



12.0330, 3.4347, 18.3881

Previews

White Background



This preview shows how the YUV color 135.0870, 28.0581, -39.5413 looks on a white background.

Color Contrast Check

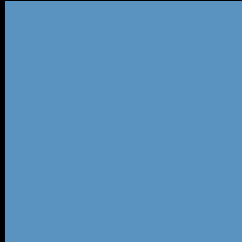
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.0870, 28.0581, -39.5413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

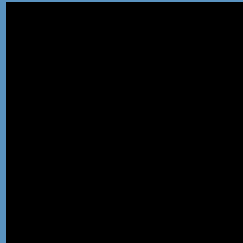
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 135.0870, 28.0581, -39.5413

Background



This preview shows how black text looks on a background with the YUV color 135.0870, 28.0581, -39.5413.

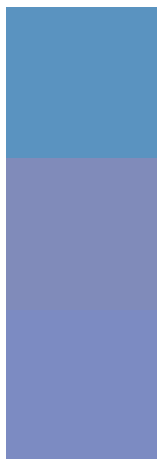


This preview shows how white text looks on a background with the YUV color 135.0870, 28.0581, -39.5413.

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

135.0870, 28.0581, -39.5413

Protanopia

141.0690, 22.1510, -11.4615

Deuteranopia

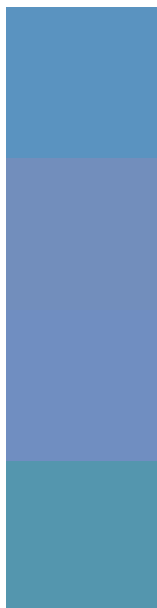
140.7850, 26.2350, -14.7204



Tritanopia

131.8400, 15.8549, -45.4637

Trichromacy



Original Color

135.0870, 28.0581, -39.5413

Protanomaly

138.8720, 24.2201, -21.8127

Deuteranomaly

138.8440, 26.6989, -23.5422

Tritanomaly

133.0020, 20.2120, -42.9748

Monochromacy



Original Color

135.0870, 28.0581, -39.5413

Achromatopsia

135.0000, 0.0000, 0.0000

Achromatomaly

134.9580, 10.3737, -13.9952

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.0870, 28.0581, -39.5413 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(90, 147, 192)` looks like.

```
.text, #text, p{  
    color:rgb(90, 147, 192)  
}
```

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(90, 147, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 147, 192) }
```

Border

The CSS property to change the border of an element to YUV 135.0870, 28.0581, -39.5413 is called "border".

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

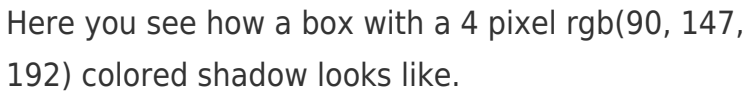
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(90, 147, 192) }
```


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

```
.border{ border-color:rgb(90, 147, 192) }
```

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



Here you see how a box with a 4 pixel `rgb(90, 147, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 147, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 147, 192);  
box-shadow:4px 4px 4px 4px rgb(90, 147,  
192) }
```

Background

The CSS property to change the background color of an element to YUV 135.0870, 28.0581, -39.5413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 147, 192) }
```

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

```
.background{ background-color: rgb(90, 147,  
192) }
```

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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