

Converting Colors

YUV(128.8580, 35.5660,
-20.9235)

Have a look what the booklet for
YUV(128.8580, 35.5660, -20.9235)
contains.

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Color

**YUV(128.8580, 35.5660,
-20.9235)**

Conversions

Conversions Part 1

Format	Color
Hex	697FC9
RGB	105, 127, 201
RGB Percent	41%, 50%, 79%
CMY	0.5882, 0.5020, 0.2118
CMYK	0.48, 0.37, 0.00, 0.21
HSL	226°, 47%, 60%
HSV	226°, 48%, 79%
XYZ	23.9577, 22.3990, 58.3191
YIQ	128.8580, -36.8660, 18.3500

Conversions

Conversions Part 2

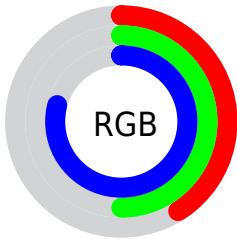
Format	Color
R_{YB}	105, 123, 201
Decimal	6913993
CIE _{Lab}	54.45, 12.19, -40.96
CIE _{LCh}	54, 42.736, 286.572
Yxy	22.3990, 0.2289, 0.2140
Android (android.graphics.Color)	4285104073 (0xFF697FC9)
YUV	128.8580, 35.5660, -20.9235
Hunter-Lab	47.3276, 7.5350, -39.9303

Details

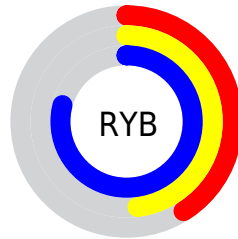
The YUV color **128.8580, 35.5660, -20.9235** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **177.1420, -35.5660, 20.9235**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.2820, 35.8500, -18.6643**, and **76.8960, 34.5613, -25.3418** is the 20% darker color. If you saturate the color by 10%, you get **114.0730, 42.8550, -25.4970**, and if you desaturate by 10%, it is **143.6430, 28.2770, -16.3499**.

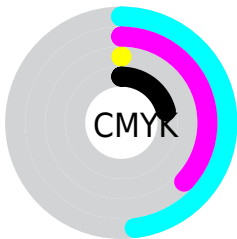
Distribution



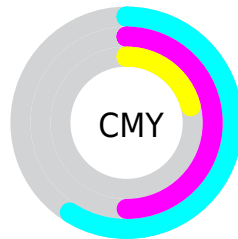
- Red (41%)
- Green (50%)
- Blue (79%)



- Red (41%)
- Yellow (48%)
- Blue (79%)



- Cyan (48%)
- Magenta (37%)
- Yellow (0%)
- Black (21%)



- Cyan (59%)
- Magenta (50%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.8580, 35.5660, -20.9235 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 128.8580, 35.5660, -20.9235 by changing the saturation by 10% instead.

■ 128.8580, 35.5660,
-20.9235

■ 128.8580, 35.5660,
-20.9235

■ 255.0000, 0.0000,
0.0000

■ 102.6190, 34.6978,
-22.4679

■ 182.2820, 35.8500,
-18.6643

■ 76.8960, 34.5613,
-25.3418

■ 207.0900, 23.6196,
-15.8649

■ 49.2430, 34.8832,
-35.2931

■ 232.1970, 11.2419,
-12.4508

■ 31.3750, 31.3671,
-27.5159

■ 252.6080, 1.1793,
-4.9182

■ 16.3120, 26.9612,
-14.3056

■ 7.8200, 19.8087,
-6.8581

■ 3.5510, 11.0674,

-3.1142

■ 0.0000, 0.0000,
0.0000

■ 128.8580, 35.5660,
-20.9235

■ 128.8580, 35.5660,
-20.9235

■ 114.0730, 42.8550,
-25.4970

■ 143.6430, 28.2770,
-16.3499

■ 98.7010, 50.4334,
-29.5558

■ 159.0150, 20.6986,
-12.2912

■ 83.9160, 57.7224,
-34.1293

■ 173.8000, 13.4096,
-7.7176

■ 68.5440, 65.3008,
-38.1881

■ 189.1720, 5.8312,
-3.6588

■ 53.7590, 72.5898,
-42.7616

■ 204.2560, -1.6052,
1.5295

■ 49.9160, 74.4844,
-43.7763

■ 219.6280, -9.1836,
5.5882

■ 234.4130,
-16.4726, 10.1618

■ 246.4960,
-22.4295, 7.4580

■ 248.8440,
-23.5871, 5.3988

Harmonies

Analogous

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



104.6210, 48.0078, -91.7526



128.8580, 35.5660, -20.9235



133.9190, 23.2109, 21.9960

Triad

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



128.8580, 35.5660, -20.9235



129.6850, -25.4807, 52.8963



104.4280, 3.7330, -77.5514

Complementary

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



128.8580, 35.5660, -20.9235



177.1420, -35.5660, 20.9235

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.



119.7430, -20.5793, -26.0846



128.8580, 35.5660, -20.9235



127.7460, -34.8778, 33.5488

Square

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



128.8580, 35.5660, -20.9235



130.5670, -9.6465, 60.8927



125.0970, -34.0648, 6.0539



104.5630, 22.4004, -91.7018

Rectangle

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



128.8580, 35.5660, -20.9235



133.7060, 12.9629, 42.3538



125.0970, -34.0648, 6.0539



113.2370, -6.5258, -53.7048

Sweetspot

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



128.8580, 35.5660, -20.9235



227.8000, 13.4096, -7.7176



169.7880, 4.5415, -56.8191



111.4430, 8.1626, -4.7735



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.



128.8580, 35.5660, -20.9235



145.9010, 53.7858, -31.4852



123.7180, 38.1000, 6.3863



92.2000, 3.3524, -1.9294



40.3010, 60.4906, -35.3440



8.8000, 13.4096, -7.7176

Inverse Universe

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



136.2120, -4.5415, 56.8191



157.1170, -6.9597, 85.8434



182.2820, -38.1000, -6.3863



92.9190, -0.4531, 5.3330



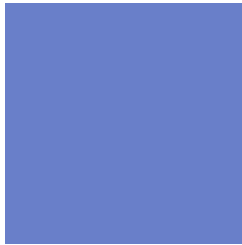
52.9550, -7.8658, 96.5095



11.6760, -1.8123, 21.3321

Previews

White Background



This preview shows how the YUV color 128.8580, 35.5660, -20.9235 looks on a white background.

Color Contrast Check

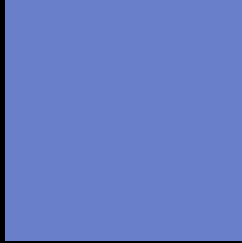
Large Text (above 18pt) WCAG AA ✓ Pass

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 128.8580, 35.5660, -20.9235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

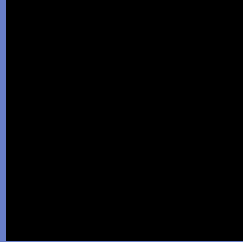
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 128.8580, 35.5660, -20.9235

Background



This preview shows how black text looks on a background with the YUV color 128.8580, 35.5660, -20.9235.



This preview shows how white text looks on a background with the YUV color 128.8580, 35.5660, -20.9235.

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

128.8580, 35.5660, -20.9235

Protanopia

128.2600, 35.8608, -22.1530

Deuteranopia

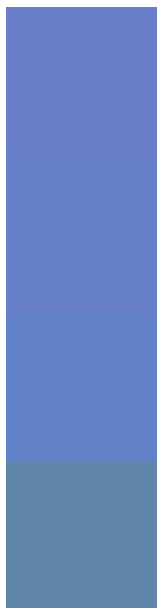
127.2160, 35.8825, -29.1304



Tritanopia

124.6030, 12.0277, -31.2238

Trichromacy



Original Color

128.8580, 35.5660, -20.9235

Protanomaly

128.5590, 35.7134, -21.5382

Deuteranomaly

127.8250, 35.5823, -26.1565

Tritanomaly

126.2150, 20.6000, -27.3756

Monochromacy



Original Color

128.8580, 35.5660, -20.9235

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

128.6860, 12.9728, -7.6176

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.8580, 35.5660, -20.9235 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(105, 127, 201)` looks like.

```
.text, #text, p{  
    color:rgb(105, 127, 201)  
}
```

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(105, 127, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 127, 201) }
```

Border

The CSS property to change the border of an element to YUV 128.8580, 35.5660, -20.9235 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(105, 127, 201) }
```


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

```
.border{ border-color:rgb(105, 127, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 127, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 127, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 127, 201);  
box-shadow:4px 4px 4px 4px rgb(105, 127,  
201) }
```

Background

The CSS property to change the background color of an element to YUV 128.8580, 35.5660, -20.9235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 127, 201) }
```

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

```
.background{ background-color: rgb(105,  
127, 201) }
```

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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