

Converting Colors

YUV(128.7260, -38.3189,
-29.5777)

Have a look what the booklet for
YUV(128.7260, -38.3189, -29.5777)
contains.

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Color

**YUV(128.7260, -38.3189,
-29.5777)**

Conversions

Conversions Part 1

Format	Color
Hex	5FA133
RGB	95, 161, 51
RGB Percent	37%, 63%, 20%
CMY	0.6275, 0.3686, 0.8000
CMYK	0.41, 0.00, 0.68, 0.37
HSL	96°, 52%, 42%
HSV	96°, 68%, 63%
XYZ	18.0617, 28.1617, 7.6158
YIQ	128.7260, -4.0260, -48.2020

Conversions

Conversions Part 2

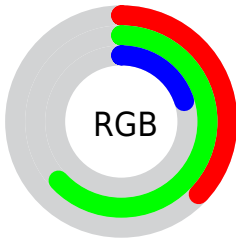
Format	Color
RYB	51, 161, 117
Decimal	6267187
CIELab	60.03, -40.28, 48.69
CIELCh	60, 63.189, 129.597
Yxy	28.1617, 0.3355, 0.5231
Android (android.graphics.Color)	4284457267 (0xFF5FA133)
YUV	128.7260, -38.3189, -29.5777
Hunter-Lab	53.0676, -32.1151, 28.6385

Details

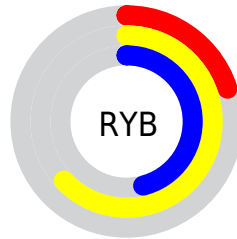
The YUV color **128.7260, -38.3189, -29.5777** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **83.2740, 38.3189, 29.5777**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.3840, -39.6293, -29.2778**, and **75.6440, -37.2925, -32.1368** is the 20% darker color. If you saturate the color by 10%, you get **123.9120, -43.8336, -34.1258**, and if you desaturate by 10%, it is **133.5400, -32.8042, -25.0296**.

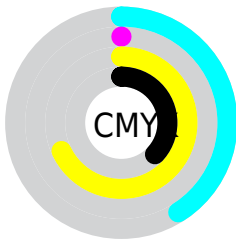
Distribution



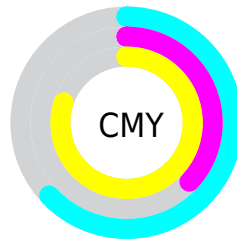
- Red (37%)
- Green (63%)
- Blue (20%)



- Red (20%)
- Yellow (63%)
- Blue (46%)



- Cyan (41%)
- Magenta (0%)
- Yellow (68%)
- Black (37%)



- Cyan (63%)
- Magenta (37%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.7260, -38.3189, -29.5777 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 128.7260, -38.3189, -29.5777 by changing the saturation by 10% instead.

■ 128.7260,
-38.3189, -29.5777

■ 128.7260,
-38.3189, -29.5777

■ 255.0000, 0.0000,
0.0000

■ 101.6120,
-38.7557, -29.4777

■ 183.3840,
-39.6293, -29.2778

■ 75.6440, -37.2925,
-32.1368

■ 211.8570,
-40.3555, -29.6926

■ 49.6070, -24.4563,
-42.6283

■ 229.4760,
-35.7307, -19.7115

■ 35.2200, -17.3635,
-30.8879

■ 241.2250,
-28.2119, -4.5823

■ 22.8930, -11.2862,
-20.0772

■ 250.2120,
-18.3455, 4.1991

■ 0.0000, 0.0000,
0.0000

■ 253.5180, -5.6784,

1.2997

■ 128.7260,
-38.3189, -29.5777

■ 128.7260,
-38.3189, -29.5777

■ 123.9120,
-43.8336, -34.1258

■ 133.5400,
-32.8042, -25.0296

■ 119.3970,
-49.4957, -38.0592

■ 138.0550,
-27.1421, -21.0962

■ 114.5830,
-55.0104, -42.6073

■ 142.8690,
-21.6274, -16.5481

■ 113.6430,
-56.0260, -43.5369

■ 147.6830,
-16.1127, -12.0000

■ 152.3120,
-10.0138, -8.1666

■ 157.1260, -4.4991,
-3.6185

■ 161.9400, 1.0156,
0.9296

■ 166.4550, 6.6777,
4.8630

■ 171.2690, 12.1924,
9.4111

Harmonies

Analogous

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



134.6600, -61.4574, 18.7152



128.7260, -38.3189, -29.5777



110.4720, -3.1907, -96.8839

Triad

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



128.7260, -38.3189, -29.5777



122.8930, 62.1708, -107.7772



140.2040, -5.5236, 91.9061

Complementary

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



128.7260, -38.3189, -29.5777



83.2740, 38.3189, 29.5777

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.



145.8910, 19.2807, 69.3786



128.7260, -38.3189, -29.5777



128.5370, 62.3463, -70.6309

Square

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



128.7260, -38.3189, -29.5777



123.5990, 44.5677, -108.3963



148.7780, 40.5354, 18.6117



139.9770, -31.5407, 83.3352

Rectangle

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



128.7260, -38.3189, -29.5777



115.9780, 12.8288, -101.7127



148.7780, 40.5354, 18.6117



141.4730, 3.2178, 88.1622

Sweetspot

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



128.7260, -38.3189, -29.5777



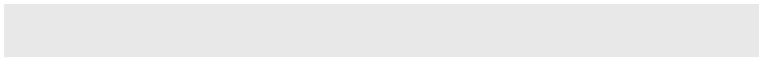
196.7370, -14.6603, -11.1703



122.6320, -35.3146, 33.6487



97.2520, -8.9982, -7.2370



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



128.7260, -38.3189, -29.5777



158.7090, -59.5095, -46.2258



116.8240, -27.0282, -57.7276



79.4790, -3.1941, -2.1741



102.4570, -50.5113, -38.9888



12.6590, -6.2409, -4.9629

Inverse Universe

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



83.2740, 38.3189, 29.5777



88.2910, 59.5095, 46.2258



95.1760, 27.0282, 57.7276



75.5210, 3.1941, 2.1741



42.5430, 50.5113, 38.9888



5.3410, 6.2409, 4.9629

Previews

White Background



This preview shows how the YUV color 128.7260, -38.3189, -29.5777 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 128.7260, -38.3189, -29.5777 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

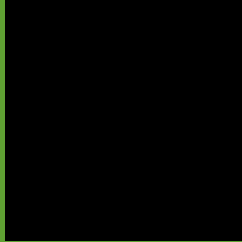
Any Text WCAG AA ✓ Pass

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 128.7260, -38.3189, -29.5777 Background



This preview shows how black text looks on a background with the YUV color 128.7260, -38.3189, -29.5777.



This preview shows how white text looks on a background with the YUV color 128.7260, -38.3189, -29.5777.

-29.5777.

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

128.7260, -38.3189, -29.5777

Protanopia

138.0250, -44.8753, 20.1491

Deuteranopia

140.6660, -40.2613, 33.6189



Tritanopia

140.1200, 11.2798, -24.6612

Trichromacy



Original Color

128.7260, -38.3189, -29.5777

Protanomaly

134.4850, -42.6371, 2.2057

Deuteranomaly

136.3380, -39.6066, 10.2276

Tritanomaly

136.0000, -6.9020, -26.3100

Monochromacy



Original Color

128.7260, -38.3189, -29.5777

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

129.2640, -13.9342, -10.7555

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.7260, -38.3189, -29.5777 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(95, 161, 51)` looks like.

```
.text, #text, p{  
    color:rgb(95, 161, 51)  
}
```

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(95, 161, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 161, 51) }
```

Border

The CSS property to change the border of an element to YUV 128.7260, -38.3189, -29.5777 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(95, 161, 51) }
```


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

```
.border{ border-color:rgb(95, 161, 51) }
```

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

Here you see how a box with a 4 pixel rgb(95, 161, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 161, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 161, 51);  
box-shadow:4px 4px 4px 4px rgb(95, 161,  
51) }
```

Background

The CSS property to change the background color of an element to YUV 128.7260, -38.3189, -29.5777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 161, 51) }
```

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

```
.background{ background-color: rgb(95, 161,  
51) }
```

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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