

Converting Colors

YUV(127.9200, 28.1404,
-19.2238)

Have a look what the booklet for
YUV(127.9200, 28.1404, -19.2238)
contains.

YUV(127.9200, 28.1404, -19.2238)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(127.9200, 28.1404,
-19.2238)**

Conversions

Conversions Part 1

Format	Color
Hex	6A80B9
RGB	106, 128, 185
RGB Percent	42%, 50%, 73%
CMY	0.5843, 0.4980, 0.2745
CMYK	0.43, 0.31, 0.00, 0.27
HSL	223°, 36%, 57%
HSV	223°, 43%, 73%
XYZ	22.4200, 22.0053, 48.9647
YIQ	127.9200, -31.4090, 13.0630

Conversions

Conversions Part 2

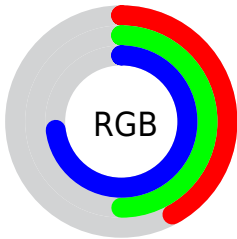
Format	Color
R_{YB}	106, 123, 185
Decimal	6979769
CIE _{Lab}	54.03, 7.07, -32.48
CIE _{LCh}	54, 33.243, 282.282
Yxy	22.0053, 0.2401, 0.2356
Android (android.graphics.Color)	4285169849 (0xFF6A80B9)
YUV	127.9200, 28.1404, -19.2238
Hunter-Lab	46.9098, 3.2198, -29.0504

Details

The YUV color **127.9200, 28.1404, -19.2238** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **163.0800, -28.1404, 19.2238**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.5610, 29.3034, -18.9090**, and **77.2680, 26.9829, -21.2830** is the 20% darker color. If you saturate the color by 10%, you get **114.9070, 34.5558, -23.5974**, and if you desaturate by 10%, it is **141.2320, 21.5776, -14.2355**.

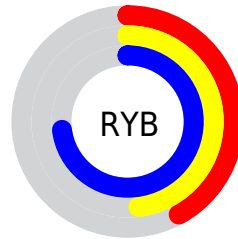
Distribution



Red (42%)

Green (50%)

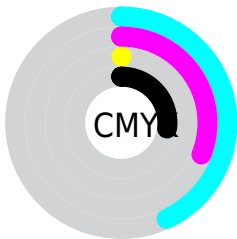
Blue (73%)



Red (42%)

Yellow (48%)

Blue (73%)

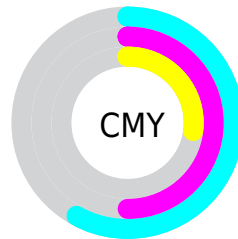


Cyan (43%)

Magenta (31%)

Yellow (0%)

Black (27%)



Cyan (58%)

Magenta (50%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.9200, 28.1404, -19.2238 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 127.9200, 28.1404, -19.2238 by changing the saturation by 10% instead.

■ 127.9200, 28.1404,
-19.2238

■ 127.9200, 28.1404,
-19.2238

■ 255.0000, 0.0000,
0.0000

■ 102.0940, 27.5617,
-20.2534

■ 181.5610, 29.3034,
-18.9090

■ 77.2680, 26.9829,
-21.2830

■ 207.3780, 23.4776,
-16.9945

■ 52.4200, 26.4149,
-25.8013

■ 232.4850, 11.0999,
-13.5803

■ 29.8930, 25.6888,
-26.2162

■ 252.3090, 1.3267,
-5.5330

■ 14.8300, 21.2828,
-13.0059

■ 5.2780, 15.1459,
-4.6288

■ 1.3680, 5.2416,

-1.1997

■ 0.0000, 0.0000,
0.0000

■ 127.9200, 28.1404,
-19.2238

■ 127.9200, 28.1404,
-19.2238

■ 114.9070, 34.5558,
-23.5974

■ 141.2320, 21.5776,
-14.2355

■ 101.0080, 41.4081,
-28.0710

■ 154.8320, 14.8728,
-10.3767

■ 87.9950, 47.8235,
-32.4446

■ 168.1440, 8.3100,
-5.3883

■ 74.6830, 54.3863,
-37.4330

■ 181.1570, 1.8946,
-1.0147

■ 60.7840, 61.2385,
-41.9066

■ 194.7570, -4.8102,
2.8441

■ 51.6140, 65.7593,
-45.2655

■ 208.0690,
-11.3730, 7.8325

■ 221.3810,
-17.9358, 12.8209

■ 234.9810,
-24.6406, 16.6797

■ 242.9110,
-28.5501, 10.6021

Harmonies

Analogous

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



116.5300, 32.7697, -57.4698



127.9200, 28.1404, -19.2238



132.2400, 19.6017, 12.9445

Triad

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



127.9200, 28.1404, -19.2238



130.0520, -18.7596, 43.8044



116.6280, -2.7746, -43.5238

Complementary

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



127.9200, 28.1404, -19.2238



163.0800, -28.1404, 19.2238

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.



122.4930, -17.9910, -16.2184



127.9200, 28.1404, -19.2238



128.6020, -26.4258, 29.2900

Square

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



127.9200, 28.1404, -19.2238



131.5760, -6.6930, 46.8528



125.7690, -26.5081, 8.9726



102.2820, 18.5950, -84.4393

Rectangle

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



127.9200, 28.1404, -19.2238



132.8740, 11.4011, 29.9285



125.7690, -26.5081, 8.9726



118.9020, -8.3327, -34.1171

Sweetspot

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



127.9200, 28.1404, -19.2238



217.2300, 11.2256, -7.2177



158.8710, 2.0356, -46.3679



106.1010, 6.8522, -4.4736



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



127.9200, 28.1404, -19.2238



150.9800, 43.8869, -29.8005



120.0890, 32.0011, 2.5529



85.2000, 3.3524, -1.9294



43.0250, 55.6967, -37.7329



7.8880, 9.9152, -6.9178

Inverse Universe

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



132.1290, -2.0356, 46.3679



157.6530, -3.2799, 72.2183



170.9110, -32.0011, -2.5529



85.9190, -0.4531, 5.3330



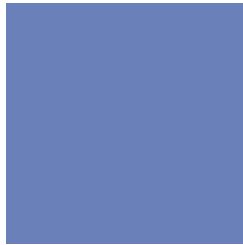
51.5460, -4.2132, 91.6062



9.2840, -0.6330, 16.4139

Previews

White Background



This preview shows how the YUV color 127.9200, 28.1404, -19.2238 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 127.9200, 28.1404, -19.2238 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

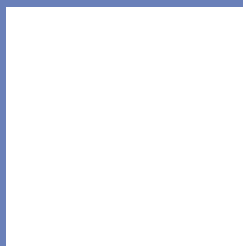
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 127.9200, 28.1404, -19.2238

Background



This preview shows how black text looks on a background with the YUV color 127.9200, 28.1404, -19.2238.



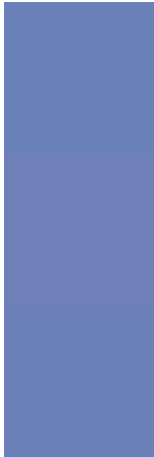
This preview shows how white text looks on a background with the YUV color 127.9200, 28.1404, -19.2238.

-19.2238.

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

127.9200, 28.1404, -19.2238

Protanopia

128.7140, 27.2560, -15.5352

Deuteranopia

128.2190, 27.9930, -18.6091



Tritanopia

124.5930, 10.5537, -25.0761

Trichromacy



Original Color

127.9200, 28.1404, -19.2238

Protanomaly

128.1160, 27.5508, -16.7647

Deuteranomaly

128.2190, 27.9930, -18.6091

Tritanomaly

125.6240, 16.9474, -22.4722

Monochromacy



Original Color

127.9200, 28.1404, -19.2238

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

128.0020, 10.3520, -7.0178

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.9200, 28.1404, -19.2238 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(106, 128, 185)` looks like.

```
.text, #text, p{  
    color:rgb(106, 128, 185)  
}
```

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(106, 128, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 128, 185) }
```

Border

The CSS property to change the border of an element to YUV 127.9200, 28.1404, -19.2238 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(106, 128, 185) }
```


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

```
.border{ border-color:rgb(106, 128, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 128, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 128, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 128, 185);  
box-shadow:4px 4px 4px 4px rgb(106, 128,  
185) }
```

Background

The CSS property to change the background color of an element to YUV 127.9200, 28.1404, -19.2238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 128, 185) }
```

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

```
.background{ background-color: rgb(106,  
128, 185) }
```

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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