

Converting Colors

YUV(128.3410, 19.5519,
-17.8391)

Have a look what the booklet for
YUV(128.3410, 19.5519, -17.8391)
contains.

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Color

**YUV(128.3410, 19.5519,
-17.8391)**

Conversions

Conversions Part 1

Format	Color
Hex	6C83A8
RGB	108, 131, 168
RGB Percent	42%, 51%, 66%
CMY	0.5765, 0.4863, 0.3412
CMYK	0.36, 0.22, 0.00, 0.34
HSL	217°, 26%, 54%
HSV	217°, 36%, 66%
XYZ	21.3685, 22.2479, 40.2138
YIQ	128.3410, -25.5850, 6.6310

Conversions

Conversions Part 2

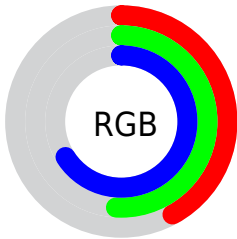
Format	Color
R_{YB}	108, 125, 168
Decimal	7111592
CIE _{Lab}	54.29, 1.06, -22.31
CIE _{LCh}	54, 22.332, 272.719
Yxy	22.2479, 0.2549, 0.2654
Android (android.graphics.Color)	4285301672 (0xFF6C83A8)
YUV	128.3410, 19.5519, -17.8391
Hunter-Lab	47.1677, -1.6770, -17.5316

Details

The YUV color **128.3410, 19.5519, -17.8391** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **147.6590, -19.5519, 17.8391**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.5690, 20.4255, -18.0390**, and **78.4010, 18.5363, -18.7687** is the 20% darker color. If you saturate the color by 10%, you get **117.3880, 24.9517, -23.1423**, and if you desaturate by 10%, it is **139.2940, 14.1521, -12.5358**.

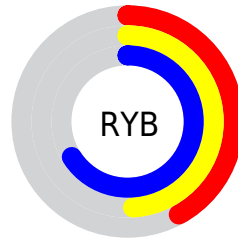
Distribution



Red (42%)

Green (51%)

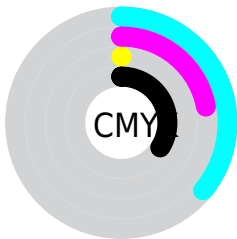
Blue (66%)



Red (42%)

Yellow (49%)

Blue (66%)

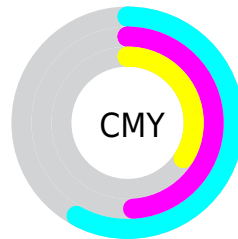


Cyan (36%)

Magenta (22%)

Yellow (0%)

Black (34%)



Cyan (58%)

Magenta (49%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.3410, 19.5519, -17.8391 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 128.3410, 19.5519, -17.8391 by changing the saturation by 10% instead.

■ 128.3410, 19.5519,
-17.8391

■ 128.3410, 19.5519,
-17.8391

■ 255.0000, 0.0000,
0.0000

■ 102.8140, 18.8257,
-18.2539

■ 181.5690, 20.4255,
-18.0390

■ 78.4010, 18.5363,
-18.7687

■ 209.0960, 21.1517,
-17.6242

■ 54.5750, 17.9575,
-19.7983

■ 234.8330, 9.9423,
-15.6395

■ 29.9550, 18.2632,
-24.5165

■ 252.3090, 1.3267,
-5.5330

■ 14.5220, 15.0257,
-12.7358

■ 3.3230, 10.1938,
-2.9143

■ 0.0000, 0.0000,

0.0000

■ 128.3410, 19.5519,
-17.8391

■ 128.3410, 19.5519,
-17.8391

■ 117.3880, 24.9517,
-23.1423

■ 139.2940, 14.1521,
-12.5358

■ 105.8480, 30.6409,
-27.9307

■ 150.8340, 8.4628,
-7.7474

■ 95.1940, 35.8934,
-32.6191

■ 161.4880, 3.2104,
-3.0590

■ 84.2410, 41.2932,
-37.9224

■ 172.4410, -2.1894,
2.2442

■ 72.7010, 46.9824,
-42.7108

■ 183.9810, -7.8786,
7.0327

■ 61.7480, 52.3822,
-48.0140

■ 194.9340,
-13.2785, 12.3359

■ 56.7200, 54.8610,
-49.7434

■ 206.4740,
-18.9677, 17.1243

■ 217.1280,
-24.2201, 21.8127

■ 226.8850,
-29.0303, 24.6569

Harmonies

Analogous

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



123.9320, 19.7535, -35.8974



128.3410, 19.5519, -17.8391



131.6210, 14.9768, 2.9634

Triad

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



128.3410, 19.5519, -17.8391



131.4510, -10.5753, 32.0535



123.9620, -5.8973, -21.8917

Complementary

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



128.3410, 19.5519, -17.8391



147.6590, -19.5519, 17.8391

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.



126.4820, -14.5346, -4.8077



128.3410, 19.5519, -17.8391



130.6860, -17.1002, 24.8314

Square

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



128.3410, 19.5519, -17.8391



132.7310, -1.8394, 30.0539



128.5550, -18.5146, 11.7913



121.3220, 4.7713, -37.1164

Rectangle

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



128.3410, 19.5519, -17.8391



132.7320, 9.9921, 15.1440



128.5550, -18.5146, 11.7913



124.7840, -9.2605, -16.4736

Sweetspot

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



128.3410, 19.5519, -17.8391



203.0190, 7.8786, -7.0327



147.4380, -1.2019, -34.5871



100.2320, 4.8156, -4.5885



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



128.3410, 19.5519, -17.8391



156.8480, 30.6409, -27.9307



116.9330, 25.1760, -1.6952



78.6730, 2.6262, -2.3442



50.3310, 48.1508, -44.1403



6.9760, 6.4208, -6.1180

Inverse Universe

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



128.5620, 1.2019, 34.5871



157.2100, 1.8685, 54.1898



159.0670, -25.1760, 1.6952



78.7340, 0.1311, 4.6183



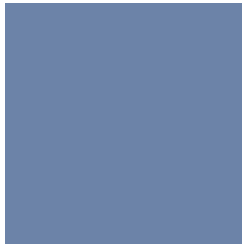
50.7500, 3.0813, 85.2883



6.8920, 0.5462, 11.4957

Previews

White Background



This preview shows how the YUV color 128.3410, 19.5519, -17.8391 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 128.3410, 19.5519, -17.8391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

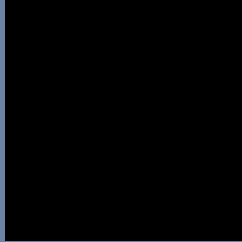
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

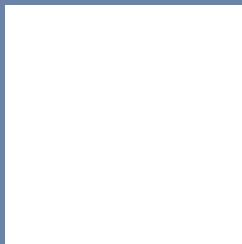
Any Text WCAG AAA × Fail

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

YUV 128.3410, 19.5519, -17.8391 Background



This preview shows how black text looks on a background with the YUV color 128.3410, 19.5519, -17.8391.



This preview shows how white text looks on a background with the YUV color 128.3410, 19.5519, -17.8391.

-17.8391.

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

128.3410, 19.5519, -17.8391

Protanopia

129.9400, 17.7776, -8.7174

Deuteranopia

129.9940, 19.2300, -7.8877



Tritanopia

126.6860, 9.5218, -20.7726

Trichromacy



Original Color

128.3410, 19.5519, -17.8391

Protanomaly

129.4450, 18.5146, -11.7913

Deuteranomaly

129.0860, 19.6776, -11.4764

Tritanomaly

127.6090, 13.0108, -19.8281

Monochromacy



Original Color

128.3410, 19.5519, -17.8391

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

128.2040, 7.2944, -6.3179

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.3410, 19.5519, -17.8391 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(108, 131, 168)` looks like.

```
.text, #text, p{  
    color:rgb(108, 131, 168)  
}
```

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(108, 131, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 131, 168) }
```

Border

The CSS property to change the border of an element to YUV 128.3410, 19.5519, -17.8391 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(108, 131, 168) }
```


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

```
.border{ border-color:rgb(108, 131, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 131, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 131, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 131, 168);  
box-shadow:4px 4px 4px 4px rgb(108, 131,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 128.3410, 19.5519, -17.8391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 131, 168) }
```

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

```
.background{ background-color: rgb(108,  
131, 168) }
```

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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