

Converting Colors

YUV(127.4020, 17.0568,
-10.8766)

Have a look what the booklet for
YUV(127.4020, 17.0568, -10.8766)
contains.

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Color

**YUV(127.4020, 17.0568,
-10.8766)**

Conversions

Conversions Part 1

Format	Color
Hex	737FA2
RGB	115, 127, 162
RGB Percent	45%, 50%, 64%
CMY	0.5490, 0.5020, 0.3647
CMYK	0.29, 0.22, 0.00, 0.36
HSL	225°, 20%, 54%
HSV	225°, 29%, 64%
XYZ	21.1812, 21.4322, 37.2029
YIQ	127.4020, -18.3870, 8.3410

Conversions

Conversions Part 2

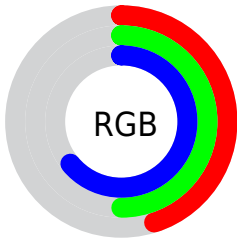
Format	Color
R_{YB}	115, 125, 162
Decimal	7569314
CIE _{Lab}	53.42, 3.92, -20.13
CIE _{LCh}	53, 20.509, 281.011
Yxy	21.4322, 0.2654, 0.2685
Android (android.graphics.Color)	4285759394 (0xFF737FA2)
YUV	127.4020, 17.0568, -10.8766
Hunter-Lab	46.2949, 0.6524, -15.2393

Details

The YUV color **127.4020, 17.0568, -10.8766** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **149.5980, -17.0568, 10.8766**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.6300, 17.9304, -11.0765**, and **77.7610, 15.8938, -11.1914** is the 20% darker color. If you saturate the color by 10%, you get **115.5740, 22.8880, -14.5354**, and if you desaturate by 10%, it is **139.2300, 11.2256, -7.2177**.

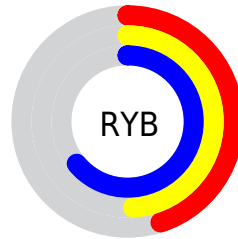
Distribution



Red (45%)

Green (50%)

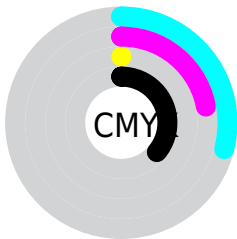
Blue (64%)



Red (45%)

Yellow (49%)

Blue (64%)

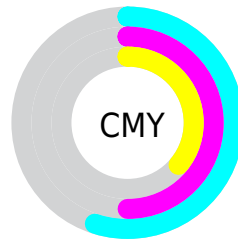


Cyan (29%)

Magenta (22%)

Yellow (0%)

Black (36%)



Cyan (55%)

Magenta (50%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.4020, 17.0568, -10.8766 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 127.4020, 17.0568, -10.8766 by changing the saturation by 10% instead.

■ 127.4020, 17.0568,
-10.8766

■ 127.4020, 17.0568,
-10.8766

■ 255.0000, 0.0000,
0.0000

■ 102.2880, 16.6200,
-10.7766

■ 180.6300, 17.9304,
-11.0765

■ 77.7610, 15.8938,
-11.1914

■ 207.7440, 18.3672,
-11.1765

■ 54.6470, 15.4570,
-11.0914

■ 233.9910, 10.3574,
-8.7621

■ 32.4080, 14.5889,
-12.6358

■ 254.1030, 0.4422,
-1.8443

■ 11.6040, 13.9992,
-10.1767

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,

0.0000

■ 127.4020, 17.0568,
-10.8766

■ 127.4020, 17.0568,
-10.8766

■ 115.5740, 22.8880,
-14.5354

■ 139.2300, 11.2256,
-7.2177

■ 103.7460, 28.7192,
-18.1942

■ 151.0580, 5.3944,
-3.5589

■ 91.6190, 34.6978,
-22.4679

■ 163.1850, -0.5842,
0.7148

■ 79.7910, 40.5290,
-26.1267

■ 175.0130, -6.4154,
4.3736

■ 67.9630, 46.3602,
-29.7856

■ 186.8410,
-12.2466, 8.0324

■ 56.1350, 52.1914,
-33.4444

■ 198.6690,
-18.0778, 11.6913

■ 44.3070, 58.0226,
-37.1032

■ 210.4970,
-23.9090, 15.3501

■ 42.5350, 58.8962,
-37.3032

■ 223.2110,
-30.1770, 19.1090

■ 233.2450,
-35.1238, 19.0791

Harmonies

Analogous

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



123.5200, 17.9846, -28.5200



127.4020, 17.0568, -10.8766



130.1440, 11.7610, 7.7667

Triad

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



127.4020, 17.0568, -10.8766



128.7880, -11.7275, 28.2499



121.7490, -2.8343, -24.3359

Complementary

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



127.4020, 17.0568, -10.8766



149.5980, -17.0568, 10.8766

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.



124.2580, -11.4662, -8.9963



127.4020, 17.0568, -10.8766



128.1800, -16.3577, 20.0131

Square

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



127.4020, 17.0568, -10.8766



130.1500, -4.0179, 28.8095



126.3910, -16.4618, 6.6731



119.9030, 6.9498, -35.8719

Rectangle

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



127.4020, 17.0568, -10.8766



130.3580, 7.2185, 18.1030



126.3910, -16.4618, 6.6731



122.5710, -6.1975, -18.9178

Sweetspot

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



127.4020, 17.0568, -10.8766



197.5140, 7.1416, -3.9588



146.4650, 1.2498, -27.5948



98.1290, 4.3734, -2.7441



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



127.4020, 17.0568, -10.8766



157.0020, 27.1140, -16.6648



123.6470, 18.9080, 2.0636



75.7870, 3.0630, -2.4442



38.2490, 52.6282, -33.5444



4.9870, 6.4154, -4.3736

Inverse Universe

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



130.4210, -1.6866, 27.6948



162.1780, -3.0458, 43.6939



153.3530, -18.9080, -2.0636



76.0330, -0.0163, 5.2331



47.5730, -5.2125, 85.4435



5.9520, -0.4693, 10.5661

Previews

White Background



This preview shows how the YUV color 127.4020, 17.0568, -10.8766 looks on a white background.

Color Contrast Check

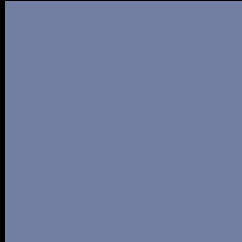
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.4020, 17.0568, -10.8766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

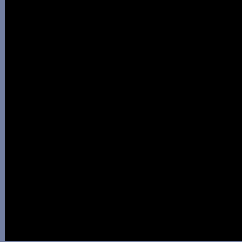
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

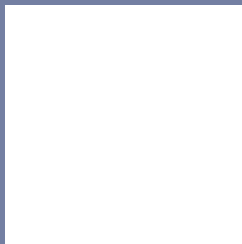
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 127.4020, 17.0568, -10.8766

Background



This preview shows how black text looks on a background with the YUV color 127.4020, 17.0568, -10.8766.



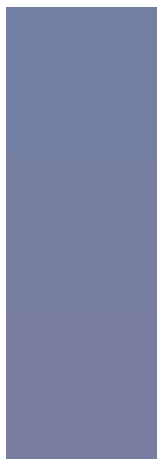
This preview shows how white text looks on a background with the YUV color 127.4020, 17.0568, -10.8766.

-10.8766.

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

127.4020, 17.0568, -10.8766

Protanopia

127.8970, 16.3198, -7.8027

Deuteranopia

128.0220, 16.7512, -6.1583



Tritanopia

126.1600, 7.3161, -13.2953

Trichromacy



Original Color

127.4020, 17.0568, -10.8766

Protanomaly

127.5980, 16.4672, -8.4174

Deuteranomaly

128.0110, 16.7566, -7.9026

Tritanomaly

126.7840, 10.9525, -12.9656

Monochromacy



Original Color

127.4020, 17.0568, -10.8766

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

127.2860, 6.2680, -3.7588

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.4020, 17.0568, -10.8766 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(115, 127, 162)` looks like.

```
.text, #text, p{  
    color:rgb(115, 127, 162)  
}
```

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(115, 127, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 127, 162) }
```

Border

The CSS property to change the border of an element to YUV 127.4020, 17.0568, -10.8766 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(115, 127, 162) }
```


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

```
.border{ border-color:rgb(115, 127, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 127, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 127, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 127, 162); box-shadow:4px 4px 4px 4px rgb(115, 127, 162) }
```

Background

The CSS property to change the background color of an element to YUV 127.4020, 17.0568, -10.8766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 127, 162) }
```

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

```
.background{ background-color: rgb(115,  
127, 162) }
```

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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