

Converting Colors

YUV(127.5480, 18.9568,
-13.6356)

Have a look what the booklet for
YUV(127.5480, 18.9568, -13.6356)
contains.

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Color

**YUV(127.5480, 18.9568,
-13.6356)**

Conversions

Conversions Part 1

Format	Color
Hex	7080A6
RGB	112, 128, 166
RGB Percent	44%, 50%, 65%
CMY	0.5608, 0.4980, 0.3490
CMYK	0.33, 0.23, 0.00, 0.35
HSL	222°, 23%, 55%
HSV	222°, 33%, 65%
XYZ	21.2842, 21.6363, 39.1308
YIQ	127.5480, -21.7340, 8.4260

Conversions

Conversions Part 2

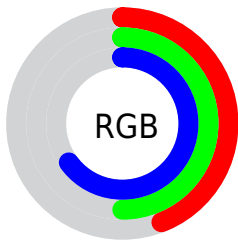
Format	Color
R_{YB}	112, 124, 166
Decimal	7372966
CIE _{Lab}	53.64, 3.46, -22.13
CIE _{LCh}	54, 22.396, 278.890
Yxy	21.6363, 0.2594, 0.2637
Android (android.graphics.Color)	4285563046 (0xFF7080A6)
YUV	127.5480, 18.9568, -13.6356
Hunter-Lab	46.5148, 0.2770, -17.3177

Details

The YUV color **127.5480, 18.9568, -13.6356** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **150.4520, -18.9568, 13.6356**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.7760, 19.8304, -13.8356**, and **77.9070, 17.7938, -13.9504** is the 20% darker color. If you saturate the color by 10%, you get **115.4210, 24.9354, -17.9092**, and if you desaturate by 10%, it is **139.6750, 12.9782, -9.3620**.

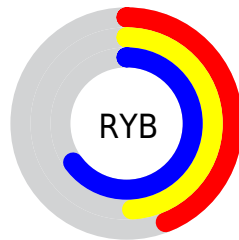
Distribution



Red (44%)

Green (50%)

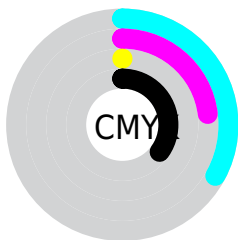
Blue (65%)



Red (44%)

Yellow (49%)

Blue (65%)

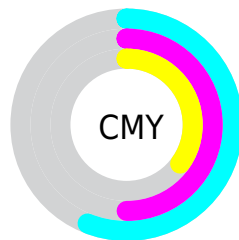


Cyan (33%)

Magenta (23%)

Yellow (0%)

Black (35%)



Cyan (56%)

Magenta (50%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.5480, 18.9568, -13.6356 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 127.5480, 18.9568, -13.6356 by changing the saturation by 10% instead.

■ 127.5480, 18.9568,
-13.6356

■ 127.5480, 18.9568,
-13.6356

255.0000, 0.0000,
0.0000

■ 102.4340, 18.5200,
-13.5356

■ 180.7760, 19.8304,
-13.8356

■ 77.9070, 17.7938,
-13.9504

■ 208.3030, 20.5566,
-13.4207

■ 54.0810, 17.2151,
-14.9800

■ 233.6810, 10.5103,
-11.1212

■ 31.3580, 17.0785,
-17.8540

■ 253.5050, 0.7370,
-3.0739

■ 12.6470, 15.4570,
-11.0914

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,

0.0000

■ 127.5480, 18.9568,
-13.6356

■ 127.5480, 18.9568,
-13.6356

■ 115.4210, 24.9354,
-17.9092

■ 139.6750, 12.9782,
-9.3620

■ 104.1800, 30.4773,
-22.0829

■ 150.9160, 7.4364,
-5.1883

■ 92.0530, 36.4559,
-26.3565

■ 163.0430, 1.4578,
-0.9147

■ 80.2250, 42.2871,
-30.0153

■ 174.8710, -4.3734,
2.7441

■ 68.6850, 47.9763,
-34.8037

■ 186.4110,
-10.0626, 7.5326

■ 56.5580, 53.9549,
-39.0774

■ 198.5380,
-16.0412, 11.8062

■ 47.6870, 58.3283,
-41.8215

■ 210.3660,
-21.8724, 15.4650

■ 221.9060,
-27.5617, 20.2534

■ 231.9400,
-32.5084, 20.2236

Harmonies

Analogous

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



122.7690, 20.3269, -33.1234



127.5480, 18.9568, -13.6356



130.3010, 13.6556, 6.7520

Triad

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



127.5480, 18.9568, -13.6356



129.9840, -12.3171, 30.7090



121.8090, -3.8498, -25.2655

Complementary

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



127.5480, 18.9568, -13.6356



150.4520, -18.9568, 13.6356

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.



124.2150, -12.9240, -8.0816



127.5480, 18.9568, -13.6356



128.2620, -17.3842, 22.5722

Square

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



127.5480, 18.9568, -13.6356



130.8730, -3.8814, 31.6834



126.6470, -18.0670, 8.2026



118.8810, 6.9607, -39.3606

Rectangle

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



127.5480, 18.9568, -13.6356



130.9990, 8.3815, 18.4179



126.6470, -18.0670, 8.2026



122.6310, -7.2131, -19.8474

Sweetspot

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



127.5480, 18.9568, -13.6356



201.0300, 7.8732, -5.2883



148.0300, 0.9712, -31.5983



99.9440, 4.9576, -3.4589



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.



127.5480, 18.9568, -13.6356



156.3650, 29.8931, -21.3681



121.4450, 21.9656, 1.3637



78.0860, 2.9156, -1.8294



42.7000, 51.9129, -37.4479



5.8020, 6.9996, -5.0884

Inverse Universe

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



129.9700, -0.9712, 31.5983



160.2650, -1.6096, 49.7566



156.5550, -21.9656, -1.3637



78.6200, -0.3057, 4.7183



49.2680, -2.5971, 86.5880



6.6640, -0.3274, 11.6957

Previews

White Background



This preview shows how the YUV color 127.5480, 18.9568, -13.6356 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 127.5480, 18.9568, -13.6356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

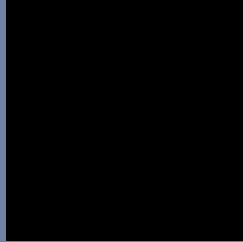
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

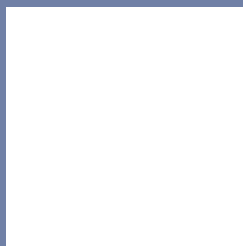
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 127.5480, 18.9568, -13.6356

Background



This preview shows how black text looks on a background with the YUV color 127.5480, 18.9568, -13.6356.



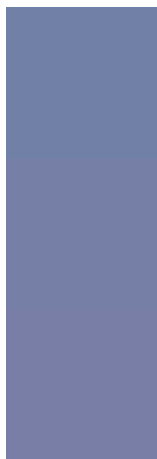
This preview shows how white text looks on a background with the YUV color 127.5480, 18.9568, -13.6356.

-13.6356.

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

127.5480, 18.9568, -13.6356

Protanopia

128.6410, 17.9250, -9.3322

Deuteranopia

128.7660, 18.3564, -7.6878



Tritanopia

125.7790, 8.4900, -16.4692

Trichromacy



Original Color

127.5480, 18.9568, -13.6356

Protanomaly

128.0430, 18.2198, -10.5617

Deuteranomaly

128.4560, 18.5092, -10.0469

Tritanomaly

126.7020, 11.9789, -15.5247

Monochromacy



Original Color

127.5480, 18.9568, -13.6356

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

127.8020, 6.9996, -5.0884

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.5480, 18.9568, -13.6356 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(112, 128, 166)` looks like.

```
.text, #text, p{  
    color:rgb(112, 128, 166)  
}
```

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(112, 128, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 128, 166) }
```

Border

The CSS property to change the border of an element to YUV 127.5480, 18.9568, -13.6356 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(112, 128, 166) }
```


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

```
.border{ border-color:rgb(112, 128, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 128, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(112, 128, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(112, 128, 166); box-shadow:4px 4px 4px 4px rgb(112, 128, 166) }
```

Background

The CSS property to change the background color of an element to YUV 127.5480, 18.9568, -13.6356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 128, 166) }
```

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

```
.background{ background-color: rgb(112,  
128, 166) }
```

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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