

Converting Colors

YUV(121.3680, 22.0036,
-10.8467)

Have a look what the booklet for
YUV(121.3680, 22.0036, -10.8467)
contains.

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Color

**YUV(121.3680, 22.0036,
-10.8467)**

Conversions

Conversions Part 1

Format	Color
Hex	6D77A6
RGB	109, 119, 166
RGB Percent	43%, 47%, 65%
CMY	0.5725, 0.5333, 0.3490
CMYK	0.34, 0.28, 0.00, 0.35
HSL	229°, 24%, 54%
HSV	229°, 34%, 65%
XYZ	19.7864, 19.1980, 38.7391
YIQ	121.3680, -21.0470, 12.4970

Conversions

Conversions Part 2

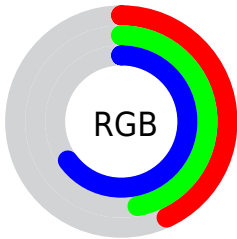
Format	Color
R _Y B	109, 118, 166
Decimal	7174054
CIE Lab	50.92, 7.89, -26.34
CIE LCh	51, 27.499, 286.679
Yxy	19.1980, 0.2546, 0.2470
Android (android.graphics.Color)	4285364134 (0xFF6D77A6)
YUV	121.3680, 22.0036, -10.8467
Hunter-Lab	43.8156, 3.9306, -21.7498

Details

The YUV color **121.3680, 22.0036, -10.8467** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **153.6320, -22.0036, 10.8467**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.0090, 23.1666, -10.5319**, and **72.3140, 20.5512, -11.6764** is the 20% darker color. If you saturate the color by 10%, you get **108.0670, 28.5610, -14.0908**, and if you desaturate by 10%, it is **134.6690, 15.4462, -7.6027**.

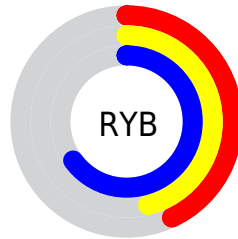
Distribution



Red (43%)

Green (47%)

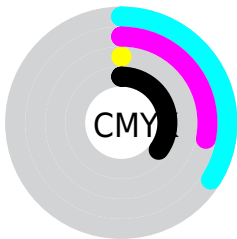
Blue (65%)



Red (43%)

Yellow (46%)

Blue (65%)

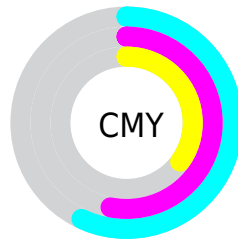


Cyan (34%)

Magenta (28%)

Yellow (0%)

Black (35%)



Cyan (57%)

Magenta (53%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.3680, 22.0036, -10.8467 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 121.3680, 22.0036, -10.8467 by changing the saturation by 10% instead.

■ 121.3680, 22.0036,
-10.8467

■ 121.3680, 22.0036,
-10.8467

■ 255.0000, 0.0000,
0.0000

■ 96.2540, 21.5668,
-10.7468

■ 174.0090, 23.1666,
-10.5319

■ 72.3140, 20.5512,
-11.6764

■ 201.5360, 23.8928,
-10.1171

■ 49.0750, 19.6830,
-13.2208

■ 226.9140, 13.8464,
-7.8176

■ 25.3410, 19.5519,
-17.8391

■ 252.6080, 1.1793,
-4.9182

■ 4.9020, 18.7823,
-4.2991

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,

0.0000

■ 121.3680, 22.0036,
-10.8467

■ 121.3680, 22.0036,
-10.8467

■ 108.0670, 28.5610,
-14.0908

■ 134.6690, 15.4462,
-7.6027

■ 95.6520, 34.6816,
-17.2348

■ 147.0840, 9.3256,
-4.4587

■ 82.3510, 41.2390,
-20.4788

■ 160.3850, 2.7682,
-1.2146

■ 69.3490, 47.6489,
-23.1081

■ 173.3870, -3.6418,
1.4146

■ 56.6350, 53.9169,
-26.8669

■ 186.1010, -9.9098,
5.1734

■ 43.3340, 60.4743,
-30.1109

■ 199.4020,
-16.4672, 8.4174

■ 35.9470, 64.1161,
-31.5255

■ 212.4040,
-22.8772, 11.0467

■ 225.7050,
-29.4346, 14.2907

■ 237.2230,
-35.1129, 15.5904

Harmonies

Analogous

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



114.7020, 25.2899, -38.3267



121.3680, 22.0036, -10.8467



124.5730, 14.5075, 13.5295

Triad

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



121.3680, 22.0036, -10.8467



121.8660, -16.6959, 35.1975



110.9430, -0.4649, -37.6610

Complementary

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



121.3680, 22.0036, -10.8467



153.6320, -22.0036, 10.8467

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.



115.3450, -13.4811, -16.0886



121.3680, 22.0036, -10.8467



120.4100, -21.8941, 22.4424

Square

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



121.3680, 22.0036, -10.8467



123.7060, -7.2501, 38.8458



118.5280, -20.9663, 4.7989



105.8940, 13.8563, -57.7890

Rectangle

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



121.3680, 22.0036, -10.8467



124.5270, 7.6282, 26.7248



118.5280, -20.9663, 4.7989



112.4340, -5.1440, -30.1986

Sweetspot

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



121.3680, 22.0036, -10.8467



199.8560, 8.4520, -4.2587



147.8170, 4.0342, -34.0425



99.3570, 5.2470, -2.9441



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.



121.3680, 22.0036, -10.8467



146.9510, 34.5342, -16.6200



120.8800, 22.2442, 5.3672



77.4990, 3.2050, -1.3146



32.1340, 57.1219, -28.1815



4.6280, 7.5784, -4.0588

Inverse Universe

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



127.1830, -4.0342, 34.0425



156.3210, -6.5673, 53.2155



154.1200, -22.2442, -5.3672



78.5060, -0.7425, 4.8182



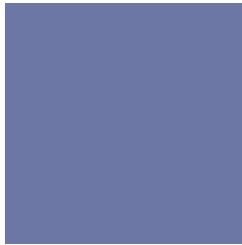
47.2160, -10.4595, 88.3876



6.4360, -1.2009, 11.8956

Previews

White Background



This preview shows how the YUV color 121.3680, 22.0036, -10.8467 looks on a white background.

Color Contrast Check

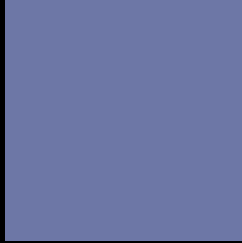
Large Text (above 18pt) WCAG AA ✓ Pass

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 121.3680, 22.0036, -10.8467 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

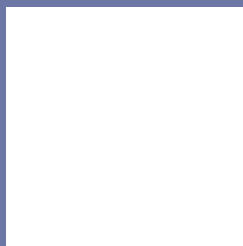
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 121.3680, 22.0036, -10.8467

Background



This preview shows how black text looks on a background with the YUV color 121.3680, 22.0036, -10.8467.



This preview shows how white text looks on a background with the YUV color 121.3680, 22.0036, -10.8467.

-10.8467.

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

121.3680, 22.0036, -10.8467

Protanopia

120.7700, 22.2984, -12.0763

Deuteranopia

121.3570, 22.0090, -12.5911



Tritanopia

119.2630, 7.7583, -15.1397

Trichromacy



Original Color

121.3680, 22.0036, -10.8467

Protanomaly

121.0690, 22.1510, -11.4615

Deuteranomaly

121.6560, 21.8616, -11.9763

Tritanomaly

120.2400, 12.6997, -13.3655

Monochromacy



Original Color

121.3680, 22.0036, -10.8467

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

121.0410, 7.8678, -3.5440

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.3680, 22.0036, -10.8467 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(109, 119, 166)` looks like.

```
.text, #text, p{  
    color:rgb(109, 119, 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(109, 119, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 119, 166) }
```

Border

The CSS property to change the border of an element to YUV 121.3680, 22.0036, -10.8467 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(109, 119, 166) }
```


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

```
.border{ border-color:rgb(109, 119, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 119, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 119, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 119, 166);  
box-shadow:4px 4px 4px 4px rgb(109, 119,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 121.3680, 22.0036, -10.8467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 119, 166) }
```

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

```
.background{ background-color: rgb(109,  
119, 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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