

Converting Colors

YUV(109.8430, 11.4164,
-21.7873)

Have a look what the booklet for
YUV(109.8430, 11.4164, -21.7873)
contains.

YUV(109.8430, 11.4164, -21.7873)	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(109.8430, 11.4164,
-21.7873)**

Conversions

Conversions Part 1

Format	Color
Hex	557685
RGB	85, 118, 133
RGB Percent	33%, 46%, 52%
CMY	0.6667, 0.5373, 0.4784
CMYK	0.36, 0.11, 0.00, 0.48
HSL	199°, 22%, 43%
HSV	199°, 36%, 52%
XYZ	14.4584, 16.5816, 24.6288
YIQ	109.8430, -24.4830, -2.3310

Conversions

Conversions Part 2

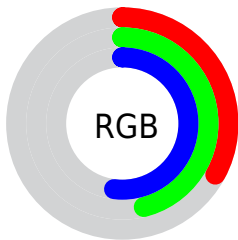
Format	Color
R_{YB}	85, 105, 133
Decimal	5600901
CIE _{Lab}	47.73, -7.78, -11.98
CIE _{LCh}	48, 14.288, 236.997
Yxy	16.5816, 0.2597, 0.2979
Android (android.graphics.Color)	4283790981 (0xFF557685)
YUV	109.8430, 11.4164, -21.7873
Hunter-Lab	40.7205, -7.8821, -7.3558

Details

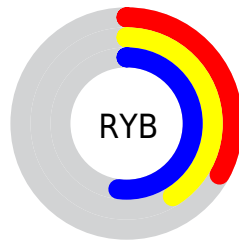
The YUV color **109.8430, 11.4164, -21.7873** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **108.1570, -11.4164, 21.7873**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.6580, 12.0006, -22.5021**, and **61.3160, 10.6902, -22.2021** is the 20% darker color. If you saturate the color by 10%, you get **103.6080, 14.4903, -27.7202**, and if you desaturate by 10%, it is **116.0780, 8.3425, -15.8544**.

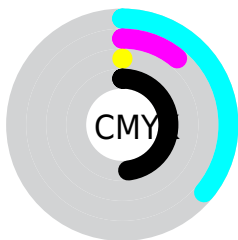
Distribution



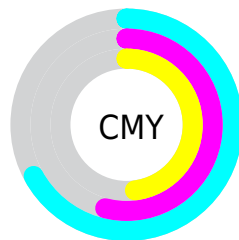
- Red (33%)
- Green (46%)
- Blue (52%)



- Red (33%)
- Yellow (41%)
- Blue (52%)



- Cyan (36%)
- Magenta (11%)
- Yellow (0%)
- Black (48%)



- Cyan (67%)
- Magenta (54%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.8430, 11.4164, -21.7873 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 109.8430, 11.4164, -21.7873 by changing the saturation by 10% instead.

■ 109.8430, 11.4164,
-21.7873

■ 109.8430, 11.4164,
-21.7873

■ 255.0000, 0.0000,
0.0000

■ 84.8430, 11.4164,
-21.7873

■ 161.6580, 12.0006,
-22.5021

■ 61.3160, 10.6902,
-22.2021

■ 188.7720, 12.4374,
-22.6020

■ 37.4190, 11.1324,
-24.0465

■ 216.7720, 12.4374,
-22.6020

■ 20.2950, 9.2216,
-17.7987

■ 243.6490, 5.5960,
-21.6172

■ 2.6390, 7.5730,
-2.3144

■ 252.9070, 1.0318,
-4.3034

■ 0.0000, 0.0000,
0.0000

■ 109.8430, 11.4164,
-21.7873

■ 109.8430, 11.4164,
-21.7873

■ 103.6080, 14.4903,
-27.7202

■ 116.0780, 8.3425,
-15.8544

■ 97.0740, 17.7115,
-34.2679

■ 122.6120, 5.1213,
-9.3067

■ 90.8390, 20.7854,
-40.2008

■ 128.8470, 2.0474,
-3.3738

■ 84.0170, 24.1486,
-45.6189

■ 135.6690, -1.3158,
2.0443

■ 77.4830, 27.3699,
-52.1666

■ 142.2030, -4.5371,
8.5920

■ 71.2480, 30.4437,
-58.0995


■ 148.4380, -7.6109,
14.5249

■ 68.5790, 31.7596,
-60.1438

■ 154.6730,
-10.6848, 20.4578

■ 160.9080,

-13.7586, 26.3907

 167.4420,
-16.9799, 32.9384

Harmonies

Analogous

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



108.4960, 7.6435, -24.9910



109.8430, 11.4164, -21.7873



112.4250, 12.1155, -12.6507

Triad

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



109.8430, 11.4164, -21.7873



115.4090, -0.2016, 18.0583



111.7690, -9.7461, -0.6744

Complementary

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



109.8430, 11.4164, -21.7873



108.1570, -11.4164, 21.7873

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.



112.9660, -11.8152, 9.6768



109.8430, 11.4164, -21.7873



114.6390, -5.7380, 20.4876

Square

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



109.8430, 11.4164, -21.7873



115.5590, 5.6404, 10.9108



114.0640, -10.3846, 17.4839



110.2560, -5.0562, -11.6255

Rectangle

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



109.8430, 11.4164, -21.7873



113.8390, 10.9254, -4.2438



114.0640, -10.3846, 17.4839



112.1500, -10.9199, 2.4995

Sweetspot

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



109.8430, 11.4164, -21.7873



163.7970, 4.5371, -8.5920



114.7720, -7.7756, -26.1100



81.0640, 2.9264, -5.3181



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



109.8430, 11.4164, -21.7873



137.3730, 17.5641, -33.6531



96.3420, 18.0724, -9.9469



63.0320, 1.4632, -2.6591



67.0630, 31.0279, -58.8143



1.5160, 0.7316, -1.3295

Inverse Universe

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



103.1140, 7.3388, 26.2100



126.9400, 11.3686, 40.3946



121.6580, -18.0724, 9.9469



62.2500, 0.8628, 3.2888



49.0160, 19.7121, 71.0230



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 109.8430, 11.4164, -21.7873 looks on a white 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

Black Background



This preview shows how the YUV color 109.8430, 11.4164, -21.7873 looks on a black 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

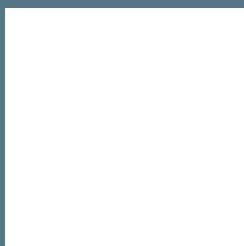
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 109.8430, 11.4164, -21.7873

Background



This preview shows how black text looks on a background with the YUV color 109.8430, 11.4164, -21.7873.



This preview shows how white text looks on a background with the YUV color 109.8430, 11.4164, -21.7873.

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

109.8430, 11.4164, -21.7873

Protanopia

113.3400, 7.7204, -2.9292

Deuteranopia

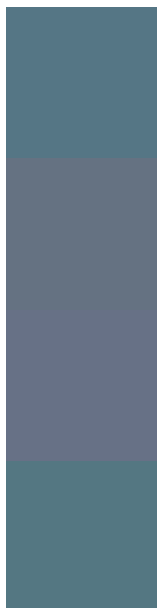
113.7470, 10.4777, -0.6551



Tritanopia

109.5610, 9.0904, -22.4170

Trichromacy



Original Color

109.8430, 11.4164, -21.7873

Protanomaly

111.9370, 8.9051, -9.5917

Deuteranomaly

112.4040, 10.6468, -8.2473

Tritanomaly

109.7890, 9.9640, -22.6170

Monochromacy



Original Color

109.8430, 11.4164, -21.7873

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

109.9820, 3.9529, -7.8772

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.8430, 11.4164, -21.7873 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(85, 118, 133)` looks like.

```
.text, #text, p{  
    color:rgb(85, 118, 133)  
}
```

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(85, 118, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 118, 133) }
```

Border

The CSS property to change the border of an element to YUV 109.8430, 11.4164, -21.7873 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(85, 118, 133) }
```


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

```
.border{ border-color:rgb(85, 118, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 118, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 118, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 118, 133);  
box-shadow:4px 4px 4px 4px rgb(85, 118,  
133) }
```

Background

The CSS property to change the background color of an element to YUV 109.8430, 11.4164, -21.7873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 118, 133) }
```

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

```
.background{ background-color: rgb(85, 118,  
133) }
```

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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