

Converting Colors

YUV(89.3330, 21.5278,
-45.0190)

Have a look what the booklet for
YUV(89.3330, 21.5278, -45.0190)
contains.

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Color

**YUV(89.3330, 21.5278,
-45.0190)**

Conversions

Conversions Part 1

Format	Color
Hex	266B85
RGB	38, 107, 133
RGB Percent	15%, 42%, 52%
CMY	0.8510, 0.5804, 0.4784
CMYK	0.71, 0.20, 0.00, 0.48
HSL	196°, 56%, 34%
HSV	196°, 71%, 52%
XYZ	10.2907, 12.6209, 24.0840
YIQ	89.3330, -49.4700, -6.5420

Conversions

Conversions Part 2

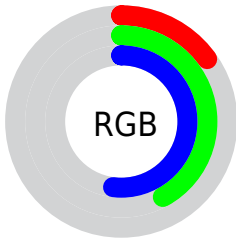
Format	Color
R _Y B	38, 78, 133
Decimal	2517893
CIE Lab	42.19, -12.50, -20.63
CIE LCh	42, 24.121, 238.799
Yxy	12.6209, 0.2190, 0.2686
Android (android.graphics.Color)	4280707973 (0xFF266B85)
YUV	89.3330, 21.5278, -45.0190
Hunter-Lab	35.5259, -10.4649, -15.3262

Details

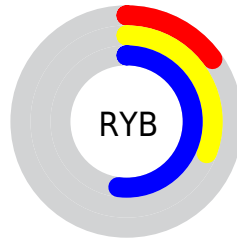
The YUV color **89.3330, 21.5278, -45.0190** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **81.6670, -21.5278, 45.0190**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.6540, 21.3696, -40.9156**, and **44.6820, 18.8908, -39.1861** is the 20% darker color. If you saturate the color by 10%, you get **83.0980, 24.6017, -50.9519**, and if you desaturate by 10%, it is **95.5680, 18.4540, -39.0861**.

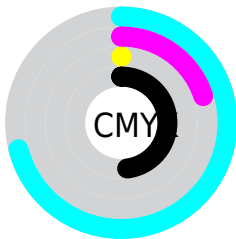
Distribution



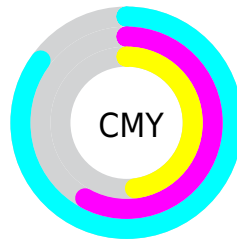
- Red (15%)
- Green (42%)
- Blue (52%)



- Red (15%)
- Yellow (31%)
- Blue (52%)



- Cyan (71%)
- Magenta (20%)
- Yellow (0%)
- Black (48%)



- Cyan (85%)
- Magenta (58%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.3330, 21.5278, -45.0190 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 89.3330, 21.5278, -45.0190 by changing the saturation by 10% instead.

89.3330, 21.5278,
-45.0190

89.3330, 21.5278,
-45.0190

255.0000, 0.0000,
0.0000

61.0330, 23.1547,
-53.5259

142.6540, 21.3696,
-40.9156

44.6820, 18.8908,
-39.1861

169.7680, 21.8064,
-41.0155

29.1460, 15.2110,
-25.5610

197.7680, 21.8064,
-41.0155

13.7240, 11.9681,
-12.0359

224.0580, 15.2544,
-39.5159

2.4110, 6.6994,
-2.1144

240.9470, 6.9281,
-28.8945

0.0000, 0.0000,
0.0000

249.6180, 2.6533,

-11.0660

■ 89.3330, 21.5278,
-45.0190

■ 89.3330, 21.5278,
-45.0190

■ 83.0980, 24.6017,
-50.9519

■ 95.5680, 18.4540,
-39.0861

■ 77.1510, 27.5336,
-58.0144

■ 101.5150, 15.5221,
-32.0237

■ 72.1010, 30.0232,
-63.2326

■ 107.7500, 12.4482,
-26.0907

■ 113.9850, 9.3744,
-20.1578

■ 119.9320, 6.4425,
-13.0954

■ 126.1670, 3.3687,
-7.1625

■ 131.8150, 0.5842,
-0.7148

■ 138.0500, -2.4896,
5.2182

■ 144.5840, -5.7109,
11.7658

Harmonies

Analogous

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



85.1980, 16.1714, -53.6706



89.3330, 21.5278, -45.0190



96.6500, 20.8785, -23.3721

Triad

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



89.3330, 21.5278, -45.0190



101.7850, -0.3870, 30.8836



96.1510, -15.8504, -2.7634

Complementary

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



89.3330, 21.5278, -45.0190



81.6670, -21.5278, 45.0190

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.



98.4520, -18.9568, 13.6356



89.3330, 21.5278, -45.0190



100.9780, -9.8492, 32.4683

Square

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



89.3330, 21.5278, -45.0190



102.4120, 8.6709, 18.9327



99.8110, -16.6688, 26.4758



93.2180, -7.5025, -20.3622

Rectangle

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



89.3330, 21.5278, -45.0190



99.7660, 18.3564, -7.6878



99.8110, -16.6688, 26.4758



96.7280, -17.6139, 2.8695

Sweetspot

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



89.3330, 21.5278, -45.0190



156.3660, 8.2006, -16.9840



96.6150, -16.5722, -51.4054



76.9000, 4.9793, -10.4363



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.



89.3330, 21.5278, -45.0190



104.9690, 33.5393, -71.0098



61.7440, 35.1292, -20.8235



63.0320, 1.4632, -2.6591



69.9980, 29.5810, -61.3882



1.5160, 0.7316, -1.3295

Inverse Universe

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



74.2710, 16.1354, 51.5053



80.9770, 25.6473, 80.7042



109.2560, -35.1292, 20.8235



62.2500, 0.8628, 3.2888



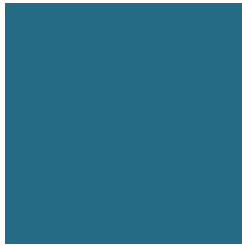
49.5860, 21.8961, 70.5231



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 89.3330, 21.5278, -45.0190 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 89.3330, 21.5278, -45.0190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

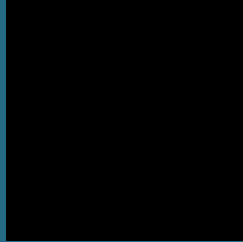
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.3330, 21.5278, -45.0190

Background



This preview shows how black text looks on a background with the YUV color 89.3330, 21.5278, -45.0190.



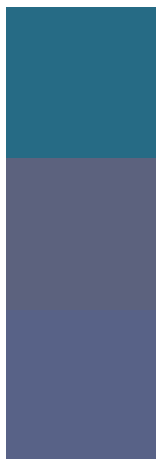
This preview shows how white text looks on a background with the YUV color 89.3330, 21.5278,

-45.0190.

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

89.3330, 21.5278, -45.0190

Protanopia

99.3980, 13.1148, -6.4880

Deuteranopia

99.2280, 17.6356, -9.8470



Tritanopia

86.0950, 15.7292, -51.8263

Trichromacy



Original Color

89.3330, 21.5278, -45.0190

Protanomaly

95.5210, 16.5051, -20.6279

Deuteranomaly

95.4930, 18.9840, -22.3574

Tritanomaly

87.2740, 17.6129, -49.3523

Monochromacy



Original Color

89.3330, 21.5278, -45.0190

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

89.2520, 7.7638, -16.8840

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.3330, 21.5278, -45.0190 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(38, 107, 133)` looks like.

```
.text, #text, p{  
    color:rgb(38, 107, 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(38, 107, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 107, 133) }
```

Border

The CSS property to change the border of an element to YUV 89.3330, 21.5278, -45.0190 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(38, 107, 133) }
```


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

```
.border{ border-color:rgb(38, 107, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 107, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 107, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 107, 133);  
box-shadow:4px 4px 4px 4px rgb(38, 107,  
133) }
```

Background

The CSS property to change the background color of an element to YUV 89.3330, 21.5278, -45.0190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 107, 133) }
```

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

```
.background{ background-color: rgb(38, 107,  
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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