

Converting Colors

YUV(65.9880, 35.0089,
-28.9305)

Have a look what the booklet for
YUV(65.9880, 35.0089, -28.9305)
contains.

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Color

**YUV(65.9880, 35.0089,
-28.9305)**

Conversions

Conversions Part 1

Format	Color
Hex	214589
RGB	33, 69, 137
RGB Percent	13%, 27%, 54%
CMY	0.8706, 0.7294, 0.4627
CMYK	0.76, 0.50, 0.00, 0.46
HSL	219°, 61%, 33%
HSV	219°, 76%, 54%
XYZ	7.2707, 6.3857, 24.5163
YIQ	65.9880, -43.2840, 13.5160

Conversions

Conversions Part 2

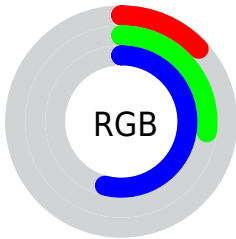
Format	Color
R_{YB}	33, 60, 137
Decimal	2180489
CIE _{Lab}	30.37, 12.40, -41.73
CIE _{LCh}	30, 43.536, 286.547
Yxy	6.3857, 0.1905, 0.1673
Android (android.graphics.Color)	4280370569 (0xFF214589)
YUV	65.9880, 35.0089, -28.9305
Hunter-Lab	25.2700, 7.1355, -39.8326

Details

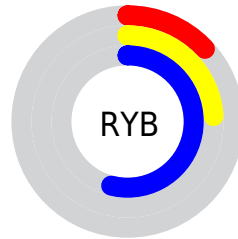
The YUV color **65.9880, 35.0089, -28.9305** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **104.0120, -35.0089, 28.9305**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.2600, 35.8608, -22.1530**, and **25.6530, 29.7511, -22.4977** is the 20% darker color. If you saturate the color by 10%, you get **56.5190, 39.6771, -32.9042**, and if you desaturate by 10%, it is **75.4570, 30.3407, -24.9568**.

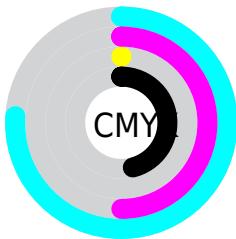
Distribution



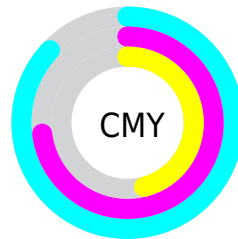
- Red (13%)
- Green (27%)
- Blue (54%)



- Red (13%)
- Yellow (24%)
- Blue (54%)



- Cyan (76%)
- Magenta (50%)
- Yellow (0%)
- Black (46%)



- Cyan (87%)
- Magenta (73%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 65.9880, 35.0089, -28.9305 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 65.9880, 35.0089, -28.9305 by changing the saturation by 10% instead.

■ 65.9880, 35.0089,
-28.9305

■ 65.9880, 35.0089,
-28.9305

■ 255.0000, 0.0000,
0.0000

■ 40.2430, 34.8832,
-35.2931

■ 118.2600, 35.8608,
-22.1530

■ 25.6530, 29.7511,
-22.4977

■ 144.4990, 36.7290,
-20.6086

■ 7.1820, 27.5183,
-6.2986

■ 171.1400, 37.8920,
-20.2938

■ 6.3210, 16.6037,
-5.5435

■ 197.0450, 28.5718,
-17.5795

■ 2.5250, 7.1362,
-2.2144

■ 221.2660, 16.6309,
-14.2653

■ 0.0000, 0.0000,
0.0000

■ 247.2590, 3.8163,

-10.7511

■ 65.9880, 35.0089,
-28.9305

■ 65.9880, 35.0089,
-28.9305

■ 56.5190, 39.6771,
-32.9042

■ 75.4570, 30.3407,
-24.9568

■ 47.3490, 44.1979,
-36.2631

■ 84.6270, 25.8199,
-21.5979

■ 43.2070, 46.2399,
-37.8925

■ 94.0960, 21.1517,
-17.6242

■ 103.5650, 16.4835,
-13.6505

■ 113.0340, 11.8152,
-9.6768

■ 122.2040, 7.2944,
-6.3179

■ 131.6730, 2.6262,
-2.3442

■ 141.1420, -2.0420,
1.6295

■ 150.3120, -6.5628,
4.9884

Harmonies

Analogous

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



62.6920, 37.1268, -54.9809



65.9880, 35.0089, -28.9305



73.3810, 22.4902, 19.8369

Triad

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



65.9880, 35.0089, -28.9305



67.8630, -22.1175, 47.4781



56.7520, -0.8637, -49.7715

Complementary

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



65.9880, 35.0089, -28.9305



104.0120, -35.0089, 28.9305

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.



58.4870, -18.9741, -27.6141



65.9880, 35.0089, -28.9305



67.4680, -33.2617, 28.5306

Square

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



65.9880, 35.0089, -28.9305



66.4570, -6.1413, 56.6042



65.5420, -32.3122, 3.9097



61.3290, 14.1348, -53.7855

Rectangle

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



65.9880, 35.0089, -28.9305



70.9230, 13.8420, 40.4095



65.5420, -32.3122, 3.9097



54.7970, -5.8159, -48.0570

Sweetspot

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



65.9880, 35.0089, -28.9305



150.5930, 14.0047, -11.9211



101.8000, -0.3944, -60.3376



72.1330, 8.3154, -7.1326



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



65.9880, 35.0089, -28.9305



67.4540, 54.9922, -45.1252



49.6400, 43.0685, -0.5613



63.9720, 2.4788, -1.7294



42.1640, 44.7821, -36.9778



1.7440, 1.6052, -1.5295

Inverse Universe

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



68.2000, 0.3944, 60.3376



71.1210, 0.4333, 94.6099



120.3600, -43.0685, 0.5613



64.3210, -0.1583, 4.1035



45.0110, 0.4876, 77.1664



1.7230, 0.1366, 2.8739

Previews

White Background



This preview shows how the YUV color 65.9880, 35.0089, -28.9305 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 ✓ Pass

Black Background



This preview shows how the YUV color 65.9880, 35.0089, -28.9305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

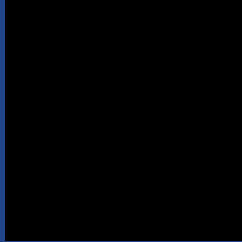
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 65.9880, 35.0089, -28.9305

Background



This preview shows how black text looks on a background with the YUV color 65.9880, 35.0089, -28.9305.



This preview shows how white text looks on a background with the YUV color 65.9880, 35.0089,

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

65.9880, 35.0089, -28.9305

Protanopia

65.6890, 35.1563, -29.5453

Deuteranopia

57.4430, 34.7846, -50.3775



Tritanopia

56.0630, 14.2659, -49.1673

Trichromacy



Original Color

65.9880, 35.0089, -28.9305

Protanomaly

65.6890, 35.1563, -29.5453

Deuteranomaly

60.7860, 34.6155, -42.7853

Tritanomaly

59.4690, 21.9538, -41.6303

Monochromacy



Original Color

65.9880, 35.0089, -28.9305

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

65.9630, 12.8362, -10.4916

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.9880, 35.0089, -28.9305 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(33, 69, 137)` looks like.

```
.text, #text, p{  
    color:rgb(33, 69, 137)  
}
```

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(33, 69, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 69, 137) }
```

Border

The CSS property to change the border of an element to YUV 65.9880, 35.0089, -28.9305 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(33, 69, 137) }
```


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

```
.border{ border-color:rgb(33, 69, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 69, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 69, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 69, 137);  
box-shadow:4px 4px 4px 4px rgb(33, 69,  
137) }
```

Background

The CSS property to change the background color of an element to YUV 65.9880, 35.0089, -28.9305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 69, 137) }
```

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

```
.background{ background-color: rgb(33, 69,  
137) }
```

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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