

Converting Colors

YUV(33.4350, 13.5895,
-18.7985)

Have a look what the booklet for
YUV(33.4350, 13.5895, -18.7985)
contains.

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Color

**YUV(33.4350, 13.5895,
-18.7985)**

Conversions

Conversions Part 1

Format	Color
Hex	0C273D
RGB	12, 39, 61
RGB Percent	5%, 15%, 24%
CMY	0.9529, 0.8471, 0.7608
CMYK	0.80, 0.36, 0.00, 0.76
HSL	207°, 67%, 14%
HSV	207°, 80%, 24%
XYZ	1.7194, 1.8661, 4.6845
YIQ	33.4350, -23.1540, 1.1180

Conversions

Conversions Part 2

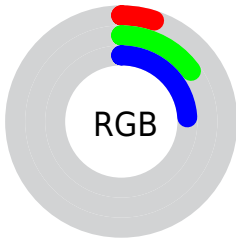
Format	Color
R_{YB}	12, 29, 61
Decimal	796477
CIE Lab	14.77, -1.37, -17.03
CIE LCh	15, 17.086, 265.414
Yxy	1.8661, 0.2079, 0.2256
Android (android.graphics.Color)	4278986557 (0xFF0C273D)
YUV	33.4350, 13.5895, -18.7985
Hunter-Lab	13.6606, -1.4385, -10.7691

Details

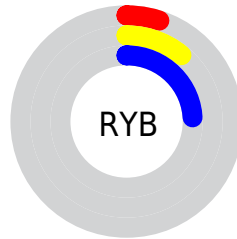
The YUV color **33.4350, 13.5895, -18.7985** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **39.5650, -13.5895, 18.7985**, and the grayscale version is **33.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **79.9730, 14.3103, -16.6393**, and **2.6390, 7.5730, -2.3144** is the 20% darker color. If you saturate the color by 10%, you get **29.8800, 15.3422, -20.9428**, and if you desaturate by 10%, it is **36.9900, 11.8369, -16.6542**.

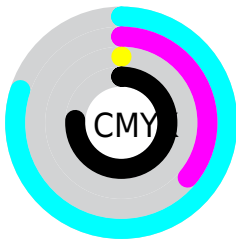
Distribution



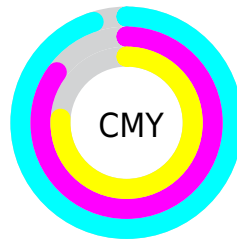
- Red (5%)
- Green (15%)
- Blue (24%)



- Red (5%)
- Yellow (11%)
- Blue (24%)



- Cyan (80%)
- Magenta (36%)
- Yellow (0%)
- Black (76%)



- Cyan (95%)
- Magenta (85%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 33.4350, 13.5895, -18.7985 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 33.4350, 13.5895, -18.7985 by changing the saturation by 10% instead.

■ 33.4350, 13.5895,
-18.7985

■ 33.4350, 13.5895,
-18.7985

■ 252.9070, 1.0318,
-4.3034

■ 15.0120, 11.8261,
-13.1655

■ 79.9730, 14.3103,
-16.6393

■ 2.6390, 7.5730,
-2.3144

■ 104.3860, 14.5997,
-16.1245

■ 0.0000, 0.0000,
0.0000

■ 129.5000, 15.0365,
-16.2245

■ 155.6140, 15.4733,
-16.3245

■ 182.7280, 15.9101,
-16.4245

■ 210.4290, 16.0575,

-17.0392

■ 236.6050, 9.0687,
-15.4396

■ 33.4350, 13.5895,
-18.7985

■ 33.4350, 13.5895,
-18.7985

■ 29.8800, 15.3422,
-20.9428

■ 36.9900, 11.8369,
-16.6542

■ 26.9120, 16.8054,
-23.6018

■ 39.9580, 10.3737,
-13.9952

■ 43.5130, 8.6211,
-11.8509

■ 47.0680, 6.8685,
-9.7066

■ 50.9220, 4.9685,
-6.9476

■ 53.8900, 3.5052,
-4.2885

■ 57.4450, 1.7526,
-2.1443

■ 61.0000, 0.0000,
0.0000

■ 64.5550, -1.7526,
2.1443

Harmonies

Analogous

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



31.1520, 12.7431, -27.3203



33.4350, 13.5895, -18.7985



37.7360, 10.4832, -2.3995

Triad

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



33.4350, 13.5895, -18.7985



37.5680, -4.7170, 19.6729



33.2560, -5.0562, -11.6255

Complementary

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



33.4350, 13.5895, -18.7985



39.5650, -13.5895, 18.7985

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.



35.2420, -10.4723, -1.0892



33.4350, 13.5895, -18.7985



37.2810, -9.5055, 15.5396

Square

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



33.4350, 13.5895, -18.7985



37.7510, 1.1088, 17.7584



36.1400, -12.3940, 8.6472



29.2310, 2.8441, -25.6356

Rectangle

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



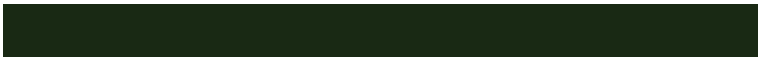
33.4350, 13.5895, -18.7985



38.6940, 7.5459, 6.4074



36.1400, -12.3940, 8.6472



33.8220, -6.8142, -7.7369

Sweetspot

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



33.4350, 13.5895, -18.7985



68.6230, 5.1159, -7.5624



43.1570, -5.0074, -27.3247



33.8900, 3.5052, -4.2885



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



33.4350, 13.5895, -18.7985



36.3180, 21.0422, -29.2199



19.3470, 20.5349, -6.4433



28.9290, 1.0210, -0.8147



41.2400, 26.0107, -36.1675



96.9220, 61.6635, -85.0006

Inverse Universe

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



29.7290, 4.5706, 27.4247



30.5120, 7.1426, 42.5240



53.6530, -20.5349, 6.4433



29.0110, -0.0054, 1.7444



34.0340, 8.8572, 52.5902



80.2860, 20.5650, 124.2832

Previews

White Background



This preview shows how the YUV color 33.4350, 13.5895, -18.7985 looks on a white background.

Color Contrast Check

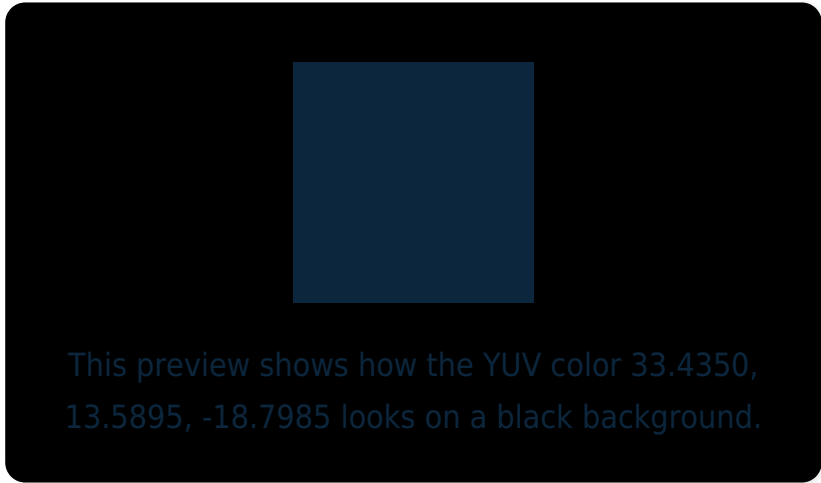
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

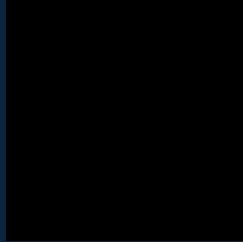
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 33.4350, 13.5895, -18.7985

Background



This preview shows how black text looks on a background with the YUV color 33.4350, 13.5895, -18.7985.



This preview shows how white text looks on a background with the YUV color 33.4350, 13.5895,

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

33.4350, 13.5895, -18.7985

Protanopia

37.1160, 10.7888, -7.1177

Deuteranopia

36.1370, 12.2575, -11.5211



Tritanopia

29.7840, 7.5015, -26.1206

Trichromacy



Original Color

33.4350, 13.5895, -18.7985

Protanomaly

36.0230, 11.8207, -11.4212

Deuteranomaly

34.9410, 12.8471, -13.9803

Tritanomaly

31.0770, 9.8220, -23.7465

Monochromacy



Original Color

33.4350, 13.5895, -18.7985

Achromatopsia

33.0000, 0.0000, 0.0000

Achromatomaly

32.9220, 4.9685, -6.9476

CSS Examples

Text

The CSS property to change the color of the text to YUV 33.4350, 13.5895, -18.7985 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(12, 39, 61)` looks like.

```
.text, #text, p{  
    color:rgb(12, 39, 61)  
}
```

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(12, 39, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 39, 61) }
```

Border

The CSS property to change the border of an element to YUV 33.4350, 13.5895, -18.7985 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(12, 39, 61) }
```


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

```
.border{ border-color:rgb(12, 39, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 39, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 39, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 39, 61);  
box-shadow:4px 4px 4px 4px rgb(12, 39, 61)  
}
```

Background

The CSS property to change the background color of an element to YUV 33.4350, 13.5895, -18.7985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 39, 61) }
```

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

```
.background{ background-color: rgb(12, 39,  
61) }
```

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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