

Converting Colors

YUV(33.6850, -5.7607, -19.0177)

Have a look what the booklet for
YUV(33.6850, -5.7607, -19.0177)
contains.

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Color

**YUV(33.6850, -5.7607,
-19.0177)**

Conversions

Conversions Part 1

Format	Color
Hex	0C2F16
RGB	12, 47, 22
RGB Percent	5%, 18%, 9%
CMY	0.9529, 0.8157, 0.9137
CMYK	0.74, 0.00, 0.53, 0.82
HSL	137°, 59%, 12%
HSV	137°, 74%, 18%
XYZ	1.3130, 2.1691, 1.1085
YIQ	33.6850, -12.8350, -15.1950

Conversions

Conversions Part 2

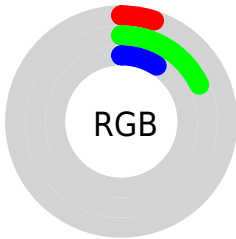
Format	Color
R_{YB}	12, 39, 47
Decimal	798486
CIE _{Lab}	16.35, -19.47, 12.43
CIE _{LCh}	16, 23.102, 147.449
Yxy	2.1691, 0.2860, 0.4725
Android (android.graphics.Color)	4278988566 (0xFF0C2F16)
YUV	33.6850, -5.7607, -19.0177
Hunter-Lab	14.7279, -9.8611, 5.8469

Details

The YUV color **33.6850, -5.7607, -19.0177** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **25.3150, 5.7607, 19.0177**, and the grayscale version is **34.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **79.3430, -7.0711, -18.7178**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **31.8480, -6.3341, -21.7917**, and if you desaturate by 10%, it is **35.5220, -5.1873, -16.2438**.

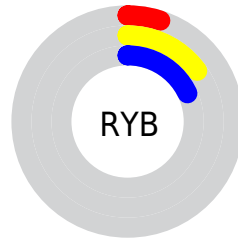
Distribution



Red (5%)

Green (18%)

Blue (9%)



Red (5%)

Yellow (15%)

Blue (18%)

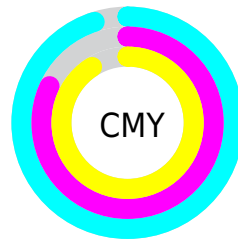


Cyan (74%)

Magenta (0%)

Yellow (53%)

Black (82%)



Cyan (95%)

Magenta (82%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 33.6850, -5.7607, -19.0177 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 33.6850, -5.7607, -19.0177 by changing the saturation by 10% instead.

■ 33.6850, -5.7607,
-19.0177

■ 33.6850, -5.7607,
-19.0177

■ 250.6140, -1.2887,
-6.6775

■ 16.4360, -8.1029,
-14.4144

■ 79.3430, -7.0711,
-18.7178

■ 0.0000, 0.0000,
0.0000

■ 103.8160, -7.7973,
-19.1326

■ 129.4030, -8.0867,
-19.6474

■ 155.8760, -8.8129,
-20.0623

■ 182.5770, -8.6655,
-20.6770

■ 210.1640, -8.9549,

-21.1918

■ 238.7510, -9.2442,
-21.7066

■ 33.6850, -5.7607,
-19.0177

■ 33.6850, -5.7607,
-19.0177

■ 31.8480, -6.3341,
-21.7917

■ 35.5220, -5.1873,
-16.2438

■ 30.1960, -7.4916,
-23.8509

■ 37.1740, -4.0298,
-14.1846

■ 29.0710, -7.9230,
-25.4953

■ 39.0110, -3.4564,
-11.4106

■ 40.8480, -2.8831,
-8.6367

■ 42.7990, -1.8729,
-5.9627

■ 44.3370, -1.1521,
-3.8035

■ 46.2880, -0.1420,
-1.1296

■ 48.1250, 0.4314,
1.6444

■ 49.6630, 1.1521,
3.8035

Harmonies

Analogous

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



37.0910, -14.8349, -1.8338



33.6850, -5.7607, -19.0177



32.6220, 3.1444, -28.6095

Triad

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



33.6850, -5.7607, -19.0177



33.5630, 19.4424, -29.4348



39.7430, -6.7753, 26.5354

Complementary

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



33.6850, -5.7607, -19.0177



25.3150, 5.7607, 19.0177

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.



40.7950, 1.0871, 24.7358



33.6850, -5.7607, -19.0177



41.3600, 14.1195, -2.0697

Square

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



33.6850, -5.7607, -19.0177



35.3410, 16.1009, -30.9941



41.8630, 7.9555, 15.0291



39.4620, -14.0318, 20.6428

Rectangle

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



33.6850, -5.7607, -19.0177



34.4630, 7.6597, -30.2241



41.8630, 7.9555, 15.0291



40.1390, -4.0125, 27.0651

Sweetspot

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



33.6850, -5.7607, -19.0177



56.0870, -2.0149, -7.0923



40.0200, -13.8139, -2.6485



27.9240, -1.4415, -4.3183



158.0000, 0.0000, 0.0000



31.0000, 0.0000, 0.0000

Same Dimension

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



33.6850, -5.7607, -19.0177



40.4080, -9.0751, -29.2988



35.6230, 1.6649, -20.7174



22.1740, -0.5788, -1.0296



53.9190, -14.2571, -47.2870



132.5720, -35.2850, -116.2656

Inverse Universe

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



25.3150, 5.7607, 19.0177



27.5920, 9.0751, 29.2988



23.3770, -1.6649, 20.7174



21.7120, 0.1420, 1.1296



33.0810, 14.2571, 47.2870



81.4280, 35.2850, 116.2656

Previews

White Background



This preview shows how the YUV color 33.6850, -5.7607, -19.0177 looks on a white background.

Color Contrast Check

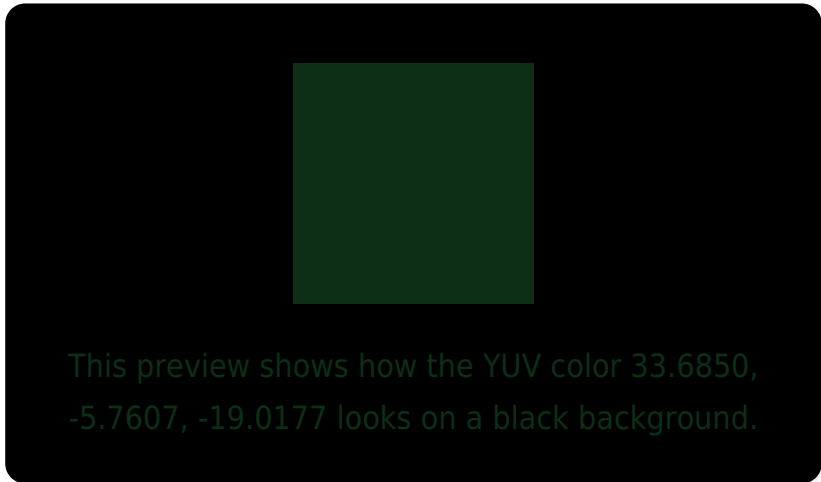
Large Text (above 18pt) WCAG AA ✓ Pass

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

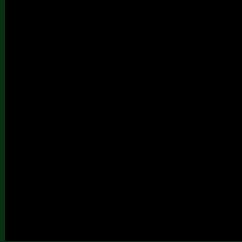
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 33.6850, -5.7607, -19.0177

Background



This preview shows how black text looks on a background with the YUV color 33.6850, -5.7607, -19.0177.



This preview shows how white text looks on a background with the YUV color 33.6850, -5.7607,

-19.0177.

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

33.6850, -5.7607, -19.0177

Protanopia

39.8020, -9.7624, 4.5586

Deuteranopia

40.2800, -8.0260, 7.6474



Tritanopia

37.5790, 5.1376, -14.5398

Trichromacy



Original Color

33.6850, -5.7607, -19.0177

Protanomaly

37.5020, -8.1355, -3.9483

Deuteranomaly

38.0400, -7.4147, -1.7891

Tritanomaly

36.2430, 1.3592, -15.9991

Monochromacy



Original Color

33.6850, -5.7607, -19.0177

Achromatopsia

34.0000, 0.0000, 0.0000

Achromatomaly

34.0870, -2.0149, -7.0923

CSS Examples

Text

The CSS property to change the color of the text to YUV 33.6850, -5.7607, -19.0177 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, 47, 22)` looks like.

```
.text, #text, p{  
    color:rgb(12, 47, 22)  
}
```

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, 47, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 47, 22) }
```

Border

The CSS property to change the border of an element to YUV 33.6850, -5.7607, -19.0177 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, 47, 22) }
```


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

```
.border{ border-color:rgb(12, 47, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 47, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 47, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 47, 22);  
box-shadow:4px 4px 4px 4px rgb(12, 47, 22)  
}
```

Background

The CSS property to change the background color of an element to YUV 33.6850, -5.7607, -19.0177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 47, 22) }
```

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

```
.background{ background-color: rgb(12, 47,  
22) }
```

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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