

Converting Colors

YUV(35.5220, -5.1873, -16.2438)

Have a look what the booklet for
YUV(35.5220, -5.1873, -16.2438)
contains.

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Color

**YUV(35.5220, -5.1873,
-16.2438)**

Conversions

Conversions Part 1

Format	Color
Hex	112F19
RGB	17, 47, 25
RGB Percent	7%, 18%, 10%
CMY	0.9333, 0.8157, 0.9020
CMYK	0.64, 0.00, 0.47, 0.82
HSL	136°, 47%, 13%
HSV	136°, 64%, 18%
XYZ	1.4231, 2.2224, 1.2737
YIQ	35.5220, -10.8180, -13.2020

Conversions

Conversions Part 2

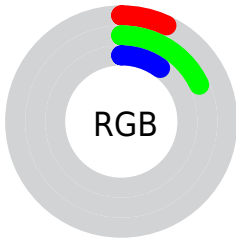
Format	Color
R_YB	17, 41, 47
Decimal	1126169
CIE _{Lab}	16.61, -17.34, 10.83
CIE _{LCh}	17, 20.443, 148.011
Yxy	2.2224, 0.2893, 0.4518
Android (android.graphics.Color)	4279316249 (0xFF112F19)
YUV	35.5220, -5.1873, -16.2438
Hunter-Lab	14.9077, -9.0481, 5.3698

Details

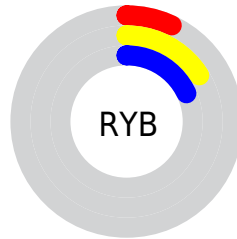
The YUV color **35.5220, -5.1873, -16.2438** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **28.4780, 5.1873, 16.2438**, and the grayscale version is **36.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **80.8810, -6.3503, -16.5586**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **33.6850, -5.7607, -19.0177**, and if you desaturate by 10%, it is **37.3590, -4.6140, -13.4698**.

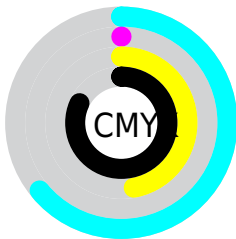
Distribution



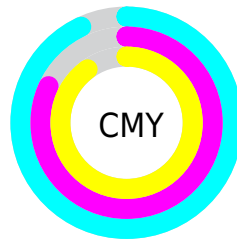
- Red (7%)
- Green (18%)
- Blue (10%)



- Red (7%)
- Yellow (16%)
- Blue (18%)



- Cyan (64%)
- Magenta (0%)
- Yellow (47%)
- Black (82%)



- Cyan (93%)
- Magenta (82%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 35.5220, -5.1873, -16.2438 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 35.5220, -5.1873, -16.2438 by changing the saturation by 10% instead.

■ 35.5220, -5.1873,
-16.2438

■ 35.5220, -5.1873,
-16.2438

■ 252.2660, -0.1311,
-4.6183

■ 15.8490, -7.8136,
-13.8996

■ 80.8810, -6.3503,
-16.5586

■ 0.0000, 0.0000,
0.0000

■ 105.4680, -6.6397,
-17.0734

■ 130.9410, -7.3659,
-17.4883

■ 156.6420, -7.2185,
-18.1030

■ 184.2290, -7.5079,
-18.6178

■ 211.8160, -7.7973,

-19.1326

■ 240.4030, -8.0867,
-19.6474

■ 35.5220, -5.1873,
-16.2438

■ 35.5220, -5.1873,
-16.2438

■ 33.6850, -5.7607,
-19.0177

■ 37.3590, -4.6140,
-13.4698

■ 32.0330, -6.9183,
-21.0769

■ 39.0110, -3.4564,
-11.4106

■ 30.1960, -7.4916,
-23.8509

■ 40.8480, -2.8831,
-8.6367

■ 29.0710, -7.9230,
-25.4953

■ 42.7990, -1.8729,
-5.9627

■ 44.6360, -1.2995,
-3.1888

■ 46.2880, -0.1420,
-1.1296

■ 48.1250, 0.4314,
1.6444

■ 50.0760, 1.4415,
4.3183

■ 51.6140, 2.1623,
6.4775

Harmonies

Analogous

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



38.1880, -11.9247, -1.9189



35.5220, -5.1873, -16.2438



32.7360, 3.5812, -28.7095

Triad

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



35.5220, -5.1873, -16.2438



35.9120, 16.8054, -23.6018



41.1340, -6.4751, 23.5615

Complementary

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



35.5220, -5.1873, -16.2438



28.4780, 5.1873, 16.2438

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.



41.9580, 0.5137, 21.9618



35.5220, -5.1873, -16.2438



41.9040, 12.3723, -1.6698

Square

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



35.5220, -5.1873, -16.2438



34.5260, 15.5167, -30.2793



42.6240, 7.0874, 13.4848



40.9070, -12.2792, 18.4986

Rectangle

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



35.5220, -5.1873, -16.2438



33.8760, 7.9491, -29.7093



42.6240, 7.0874, 13.4848



41.1170, -4.0017, 23.5764

Sweetspot

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



35.5220, -5.1873, -16.2438



56.7990, -1.8729, -5.9627



41.1880, -11.9247, -1.9189



28.2230, -1.5889, -3.7036



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.



35.5220, -5.1873, -16.2438



43.0710, -7.9230, -25.4953



37.2320, 1.3646, -17.7435



22.1740, -0.5788, -1.0296



53.6910, -15.1307, -47.0870



132.1160, -37.0322, -115.8657

Inverse Universe

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



28.4780, 5.1873, 16.2438



32.0430, 8.3598, 25.3953



26.7680, -1.3646, 17.7435



21.7120, 0.1420, 1.1296



33.3090, 15.1307, 47.0870



81.8840, 37.0322, 115.8657

Previews

White Background



This preview shows how the YUV color 35.5220, -5.1873, -16.2438 looks on a white background.

Color Contrast Check

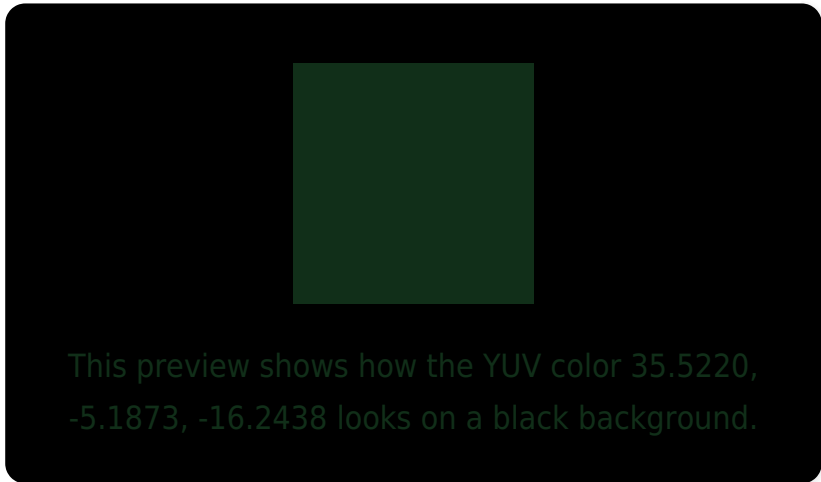
Large Text (above 18pt) WCAG AA ✓ Pass

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

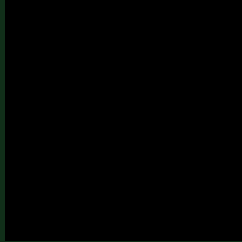
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 35.5220, -5.1873, -16.2438

Background



This preview shows how black text looks on a background with the YUV color 35.5220, -5.1873, -16.2438.



This preview shows how white text looks on a background with the YUV color 35.5220, -5.1873, -16.2438.

-16.2438.

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

35.5220, -5.1873, -16.2438

Protanopia

40.1440, -8.4520, 4.2587

Deuteranopia

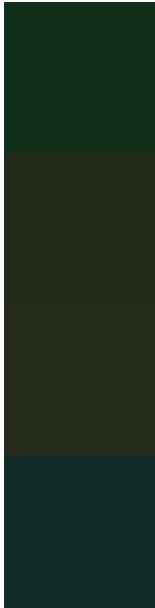
40.9210, -6.8631, 7.9623



Tritanopia

38.4760, 4.6953, -12.6955

Trichromacy



Original Color

35.5220, -5.1873, -16.2438

Protanomaly

38.4420, -7.1199, -3.0186

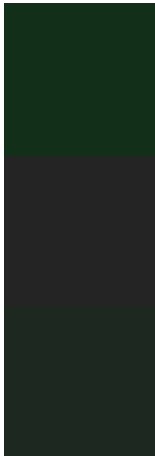
Deuteranomaly

38.9800, -6.3991, -0.8595

Tritanomaly

37.2540, 1.3538, -14.2548

Monochromacy



Original Color

35.5220, -5.1873, -16.2438

Achromatopsia

36.0000, 0.0000, 0.0000

Achromatomaly

35.7990, -1.8729, -5.9627

CSS Examples

Text

The CSS property to change the color of the text to YUV 35.5220, -5.1873, -16.2438 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(17, 47, 25)` looks like.

```
.text, #text, p{  
    color:rgb(17, 47, 25)  
}
```

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(17, 47, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 47, 25) }
```

Border

The CSS property to change the border of an element to YUV 35.5220, -5.1873, -16.2438 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(17, 47, 25) }
```


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

```
.border{ border-color:rgb(17, 47, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 47, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 47, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 47, 25);  
box-shadow:4px 4px 4px 4px rgb(17, 47, 25)  
}
```

Background

The CSS property to change the background color of an element to YUV 35.5220, -5.1873, -16.2438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 47, 25) }
```

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

```
.background{ background-color: rgb(17, 47,  
25) }
```

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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