

Converting Colors

YUV(37.9990, -18.7335,
-11.4001)

Have a look what the booklet for
YUV(37.9990, -18.7335, -11.4001)
contains.

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Color

**YUV(37.9990, -18.7335,
-11.4001)**

Conversions

Conversions Part 1

Format	Color
Hex	193400
RGB	25, 52, 0
RGB Percent	10%, 20%, 0%
CMY	0.9020, 0.7961, 1.0000
CMYK	0.52, 0.00, 1.00, 0.80
HSL	91°, 100%, 10%
HSV	91°, 100%, 20%
XYZ	1.6289, 2.6627, 0.4281
YIQ	37.9990, 0.6000, -21.8960

Conversions

Conversions Part 2

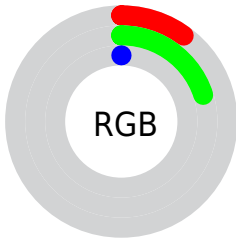
Format	Color
RYB	0, 52, 27
Decimal	1651712
CIELab	18.64, -20.39, 26.01
CIELCh	19, 33.055, 128.098
Yxy	2.6627, 0.3451, 0.5642
Android (android.graphics.Color)	4279841792 (0xFF193400)
YUV	37.9990, -18.7335, -11.4001
Hunter-Lab	16.3176, -10.7373, 9.8669

Details

The YUV color **37.9990, -18.7335, -11.4001** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **14.0010, 18.7335, 11.4001**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **84.7000, -18.5861, -12.0149**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **37.9990, -18.7335, -11.4001**, and if you desaturate by 10%, it is **39.4660, -16.9917, -10.0557**.

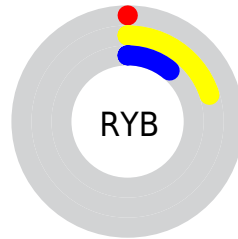
Distribution



Red (10%)

Green (20%)

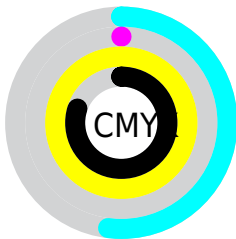
Blue (0%)



Red (0%)

Yellow (20%)

Blue (11%)

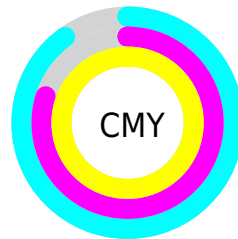


Cyan (52%)

Magenta (0%)

Yellow (100%)

Black (80%)



Cyan (90%)

Magenta (80%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 37.9990, -18.7335, -11.4001 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 37.9990, -18.7335, -11.4001 by changing the saturation by 10% instead.

■ 37.9990, -18.7335,
-11.4001

■ 37.9990, -18.7335,
-11.4001

■ 251.9220,
-11.7935, 2.6994

■ 18.1970, -8.9711,
-15.9588

■ 84.7000, -18.5861,
-12.0149

■ 0.0000, 0.0000,
0.0000

■ 109.4720,
-19.4597, -11.8149


■ 134.9450,
-20.1859, -12.2298


■ 161.4180,
-20.9121, -12.6446


■ 188.3040,
-21.3489, -12.5446


■ 216.1900,


-21.7857, -12.4446


 241.2550,
-20.3387, -9.8706


 37.9990, -18.7335,
-11.4001

 39.4660, -16.9917,
-10.0557

 40.6340, -15.1026,
-9.3260

 42.2150, -12.9240,
-8.0816

 43.6820, -11.1822,
-6.7371

 45.1490, -9.4405,
-5.3927

■ 46.3170, -7.5513,
-4.6630

■ 47.7840, -5.8095,
-3.3186

■ 49.3650, -3.6309,
-2.0741

■ 50.5330, -1.7418,
-1.3444

Harmonies

Analogous

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



42.2510, -20.8297, 7.6729



37.9990, -18.7335, -11.4001



35.2490, -4.5598, -30.9134

Triad

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



37.9990, -18.7335, -11.4001



41.3710, 23.9741, -36.2824



41.7260, -0.8509, 39.7053

Complementary

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



37.9990, -18.7335, -11.4001



14.0010, 18.7335, 11.4001

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.



45.0050, 9.3645, 29.8136



37.9990, -18.7335, -11.4001



37.6040, 27.3102, -32.9787

Square

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



37.9990, -18.7335, -11.4001



41.3080, 16.1172, -36.2271



46.7400, 17.8762, 6.3670



42.3160, -12.4808, 36.5569

Rectangle

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



37.9990, -18.7335, -11.4001



37.7740, 2.5764, -33.1278



46.7400, 17.8762, 6.3670



42.3390, 2.7909, 38.2907

Sweetspot

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



37.9990, -18.7335, -11.4001



63.3170, -7.5513, -4.6630



31.3970, -15.4787, 18.0688



32.4250, -4.6465, -3.0037



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



37.9990, -18.7335, -11.4001



50.3700, -24.8324, -15.2335



30.6380, -14.6115, -26.8695



25.0600, -1.0156, -0.9296



65.1000, -32.0943, -19.3817



158.4750, -78.1282, -47.7746

Inverse Universe

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



14.0010, 18.7335, 11.4001



18.6300, 24.8324, 15.2335



21.3620, 14.6115, 26.8695



23.6410, 1.1630, 0.3148



23.9000, 32.0943, 19.3817



58.5250, 78.1282, 47.7746

Previews

White Background



This preview shows how the YUV color 37.9990, -18.7335, -11.4001 looks on a white background.

Color Contrast Check

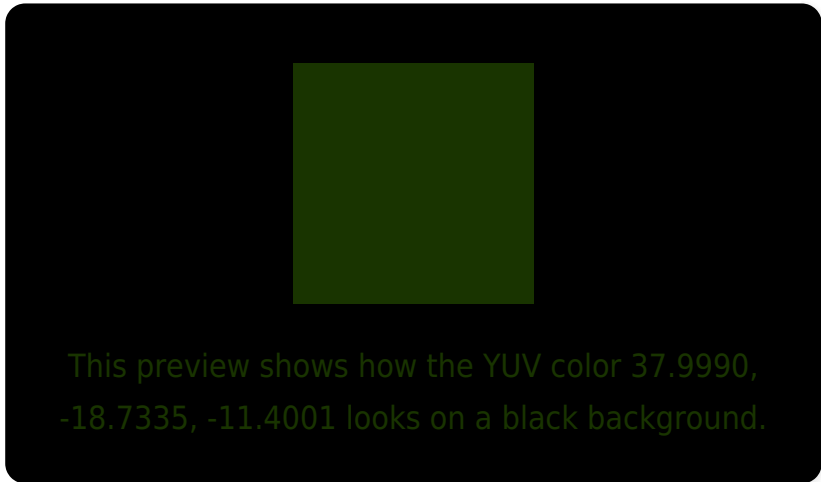
Large Text (above 18pt) WCAG AA ✓ Pass

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

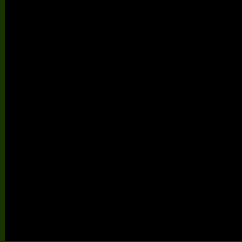
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 37.9990, -18.7335, -11.4001

Background



This preview shows how black text looks on a background with the YUV color 37.9990, -18.7335, -11.4001.



This preview shows how white text looks on a background with the YUV color 37.9990, -18.7335, -11.4001.

-11.4001.

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

37.9990, -18.7335, -11.4001

Protanopia

42.5500, -20.9771, 8.2877

Deuteranopia

43.5380, -16.0412, 11.8062



Tritanopia

43.6720, 4.1057, -10.2363

Trichromacy



Original Color

37.9990, -18.7335, -11.4001

Protanomaly

40.7340, -20.0819, 1.1103

Deuteranomaly

41.2550, -16.8877, 3.2844

Tritanomaly

41.1960, -4.0406, -10.6959

Monochromacy



Original Color

37.9990, -18.7335, -11.4001

Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

37.8440, -6.8251, -4.2482

CSS Examples

Text

The CSS property to change the color of the text to YUV 37.9990, -18.7335, -11.4001 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(25, 52, 0)` looks like.

```
.text, #text, p{  
    color:rgb(25, 52, 0)  
}
```

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(25, 52, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 52, 0) }
```

Border

The CSS property to change the border of an element to YUV 37.9990, -18.7335, -11.4001 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(25, 52, 0) }
```


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

```
.border{ border-color:rgb(25, 52, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 52, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 52, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(25, 52, 0); box-shadow:4px  
4px 4px 4px rgb(25, 52, 0) }
```

Background

The CSS property to change the background color of an element to YUV 37.9990, -18.7335, -11.4001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 52, 0) }
```

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

```
.background{ background-color: rgb(25, 52,  
0) }
```

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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