

Converting Colors

YUV(25.2990, 13.1636,
-22.1872)

Have a look what the booklet for
YUV(25.2990, 13.1636, -22.1872)
contains.

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Color

**YUV(25.2990, 13.1636,
-22.1872)**

Conversions

Conversions Part 1

Format	Color
Hex	002134
RGB	0, 33, 52
RGB Percent	0%, 13%, 20%
CMY	1.0000, 0.8706, 0.7961
CMYK	1.00, 0.37, 0.00, 0.80
HSL	202°, 100%, 10%
HSV	202°, 100%, 20%
XYZ	1.1637, 1.3356, 3.4453
YIQ	25.2990, -25.7670, -1.0870

Conversions

Conversions Part 2

Format	Color
RYB	0, 20, 52
Decimal	8500
CIELab	11.52, -3.39, -15.81
CIELCh	12, 16.166, 257.889
Yxy	1.3356, 0.1958, 0.2247
Android (android.graphics.Color)	4278198580 (0xFF002134)
YUV	25.2990, 13.1636, -22.1872
Hunter-Lab	11.5570, -2.2514, -9.5851

Details

The YUV color **25.2990, 13.1636, -22.1872** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **26.7010, -13.1636, 22.1872**, and the grayscale version is **25.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **71.4350, 13.5895, -18.7985**, and **0.3420, 1.3104, -0.2999** is the 20% darker color. If you saturate the color by 10%, you get **25.2990, 13.1636, -22.1872**, and if you desaturate by 10%, it is **27.9680, 11.8478, -20.1429**.

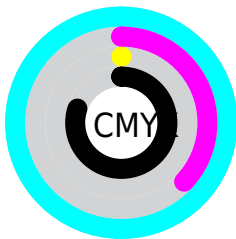
Distribution



- Red (0%)
- Green (13%)
- Blue (20%)



- Red (0%)
- Yellow (8%)
- Blue (20%)



- Cyan (100%)
- Magenta (37%)
- Yellow (0%)
- Black (80%)



- Cyan (100%)
- Magenta (87%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 25.2990, 13.1636, -22.1872 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 25.2990, 13.1636, -22.1872 by changing the saturation by 10% instead.

■ 25.2990, 13.1636,
-22.1872

■ 25.2990, 13.1636,
-22.1872

■ 249.0200, 2.9481,
-12.2955

■ 9.4040, 10.6468,
-8.2473

■ 71.4350, 13.5895,
-18.7985

■ 0.3420, 1.3104,
-0.2999

■ 95.8480, 13.8789,
-18.2837

■ 0.0000, 0.0000,
0.0000

■ 120.8480, 13.8789,
-18.2837

■ 146.6630, 14.4631,
-18.9985

■ 173.1900, 15.1893,
-18.5836

■ 200.8910, 15.3367,

-19.1984

■ 228.3210, 13.1527,
-18.6985

■ 25.2990, 13.1636,
-22.1872

■ 27.9680, 11.8478,
-20.1429

■ 30.6370, 10.5320,
-18.0986

■ 33.6050, 9.0687,
-15.4396

■ 36.2740, 7.7529,
-13.3953

■ 38.9430, 6.4371,
-11.3510

■ 41.0250, 5.4107,
-8.7919

■ 43.6940, 4.0949,
-6.7476

■ 46.6620, 2.6316,
-4.0886

■ 49.3310, 1.3158,
-2.0443

Harmonies

Analogous

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



25.9030, 10.4008, -22.7169



25.2990, 13.1636, -22.1872



30.1270, 10.7834, -5.3734

Triad

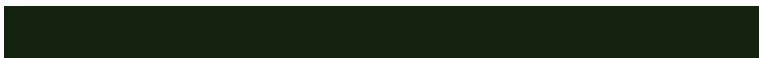
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



25.2990, 13.1636, -22.1872



30.3120, -3.1118, 18.1434



26.9360, -6.3774, -7.8369

Complementary

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



25.2990, 13.1636, -22.1872



26.7010, -13.1636, 22.1872

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.



28.8080, -12.2303, 2.7994



25.2990, 13.1636, -22.1872



30.2210, -8.4900, 16.4692

Square

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



25.2990, 13.1636, -22.1872



31.5550, 1.6984, 15.2993



29.3360, -12.9836, 11.1063



24.3950, 0.7913, -20.5174

Rectangle

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



25.2990, 13.1636, -22.1872



31.1990, 8.2829, 3.3335



29.3360, -12.9836, 11.1063



27.9750, -8.8617, -4.3631

Sweetspot

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



25.2990, 13.1636, -22.1872



58.0250, 5.4107, -8.7919



32.5760, -7.1860, -28.5692



29.1780, 3.3632, -5.4181



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.



25.2990, 13.1636, -22.1872



33.6940, 17.4059, -29.5496



10.6240, 20.3984, -9.3172



24.5160, 0.7316, -1.3295



43.6050, 22.3797, -38.2416



105.7440, 54.8492, -92.7375

Inverse Universe

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



19.3100, 6.7492, 28.6691



25.6470, 9.0480, 38.0206



41.3760, -20.3984, 9.3172



24.1250, 0.4314, 1.6444



33.1090, 11.7783, 49.0164



80.6150, 28.2908, 119.6096

Previews

White Background



This preview shows how the YUV color 25.2990, 13.1636, -22.1872 looks on a white background.

Color Contrast Check

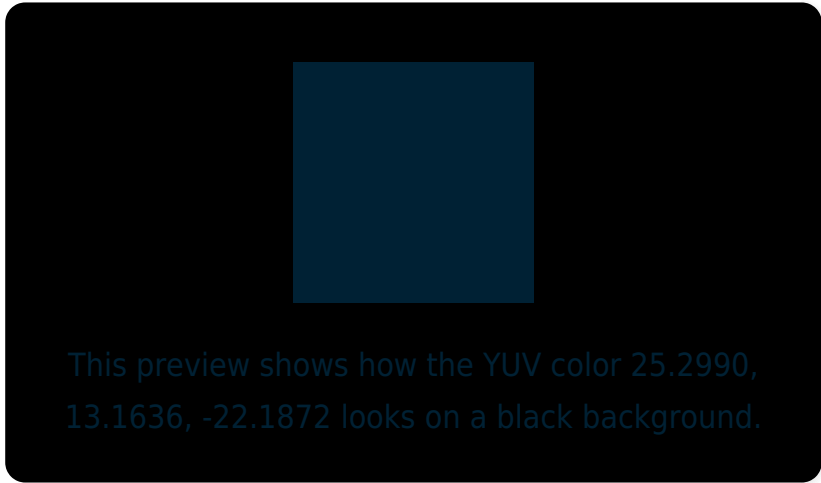
Large Text (above 18pt) WCAG AA ✓ Pass

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

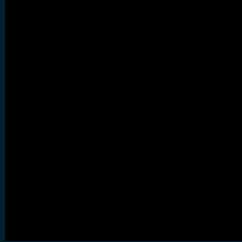
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 25.2990, 13.1636, -22.1872

Background



This preview shows how black text looks on a background with the YUV color 25.2990, 13.1636, -22.1872.



This preview shows how white text looks on a background with the YUV color 25.2990, 13.1636,

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

25.2990, 13.1636, -22.1872

Protanopia

31.0730, 9.3310, -6.2030

Deuteranopia

30.0940, 10.7997, -10.6064



Tritanopia

24.8770, 6.4696, -21.8171

Trichromacy



Original Color

25.2990, 13.1636, -22.1872

Protanomaly

29.0830, 10.8051, -12.3508

Deuteranomaly

28.0010, 11.8315, -14.9099

Tritanomaly

24.8600, 8.9430, -21.8022

Monochromacy



Original Color

25.2990, 13.1636, -22.1872

Achromatopsia

25.0000, 0.0000, 0.0000

Achromatomaly

25.2100, 4.8265, -8.0772

CSS Examples

Text

The CSS property to change the color of the text to YUV 25.2990, 13.1636, -22.1872 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(0, 33, 52)` looks like.

```
.text, #text, p{  
    color:rgb(0, 33, 52)  
}
```

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(0, 33, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 33, 52) }
```

Border

The CSS property to change the border of an element to YUV 25.2990, 13.1636, -22.1872 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(0, 33, 52) }
```


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

```
.border{ border-color:rgb(0, 33, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 33, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 33, 52); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 33, 52); box-shadow:4px  
4px 4px 4px rgb(0, 33, 52) }
```

Background

The CSS property to change the background color of an element to YUV 25.2990, 13.1636, -22.1872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 33, 52) }
```

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

```
.background{ background-color: rgb(0, 33,  
52) }
```

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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