

Converting Colors

YUV(25.2490, -1.1088, -17.7584)

Have a look what the booklet for
YUV(25.2490, -1.1088, -17.7584)
contains.

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Color

**YUV(25.2490, -1.1088,
-17.7584)**

Conversions

Conversions Part 1

Format	Color
Hex	052417
RGB	5, 36, 23
RGB Percent	2%, 14%, 9%
CMY	0.9804, 0.8588, 0.9098
CMYK	0.86, 0.00, 0.36, 0.86
HSL	155°, 76%, 8%
HSV	155°, 86%, 14%
XYZ	0.8481, 1.3559, 1.0276
YIQ	25.2490, -14.3030, -10.6150

Conversions

Conversions Part 2

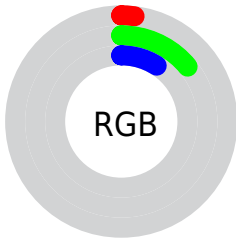
Format	Color
RYB	5, 25, 36
Decimal	336919
CIELab	11.66, -15.52, 5.43
CIELCh	12, 16.441, 160.732
Yxy	1.3559, 0.2624, 0.4196
Android (android.graphics.Color)	4278526999 (0xFF052417)
YUV	25.2490, -1.1088, -17.7584
Hunter-Lab	11.6442, -7.3762, 2.9185

Details

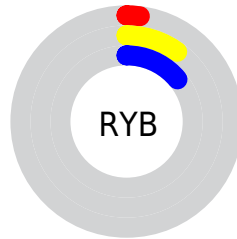
The YUV color **25.2490, -1.1088, -17.7584** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **15.7510, 1.1088, 17.7584**, and the grayscale version is **25.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **70.0210, -1.9824, -17.5584**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **23.8250, -1.3927, -20.0175**, and if you desaturate by 10%, it is **26.6730, -0.8248, -15.4992**.

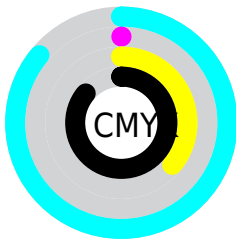
Distribution



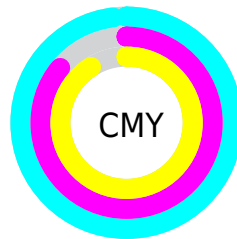
- Red (2%)
- Green (14%)
- Blue (9%)



- Red (2%)
- Yellow (10%)
- Blue (14%)



- Cyan (86%)
- Magenta (0%)
- Yellow (36%)
- Black (86%)



- Cyan (98%)
- Magenta (86%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 25.2490, -1.1088, -17.7584 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 25.2490, -1.1088, -17.7584 by changing the saturation by 10% instead.

■ 25.2490, -1.1088,
-17.7584

■ 25.2490, -1.1088,
-17.7584

■ 247.1400, 0.9170,
-14.1548

■ 6.4570, -3.1833,
-5.6628

■ 70.0210, -1.9824,
-17.5584

■ 0.0000, 0.0000,
0.0000

■ 93.6080, -2.2717,
-18.0732

■ 118.1950, -2.5611,
-18.5880

■ 144.7820, -2.8505,
-19.1028

■ 171.3690, -3.1399,
-19.6176

■ 198.0700, -2.9925,

-20.2324

■ 226.6570, -3.2819,
-20.7472

■ 25.2490, -1.1088,
-17.7584

■ 25.2490, -1.1088,
-17.7584

■ 23.8250, -1.3927,
-20.0175

■ 26.6730, -0.8248,
-15.4992

■ 23.5260, -1.2453,
-20.6323

■ 27.6840, -0.8302,
-13.7549

■ 29.1080, -0.5462,
-11.4957

■ 30.1190, -0.5517,
-9.7514

■ 31.5430, -0.2677,
-7.4922

■ 32.8530, -0.4205,
-5.1331

■ 33.9780, 0.0108,
-3.4887

■ 35.2880, -0.1420,
-1.1296

■ 36.4130, 0.2894,
0.5148

Harmonies

Analogous

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



27.7900, -8.2775, -5.0778



25.2490, -1.1088, -17.7584



25.7090, 4.5805, -22.5468

Triad

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



25.2490, -1.1088, -17.7584



29.9200, 11.3784, -9.5768



30.8620, -7.3270, 16.7840

Complementary

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



25.2490, -1.1088, -17.7584



15.7510, 1.1088, 17.7584

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.



30.9530, -1.9488, 18.4582



25.2490, -1.1088, -17.7584



31.7970, 7.9881, 4.5630

Square

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



25.2490, -1.1088, -17.7584



25.8860, 12.8742, -22.7020



31.5980, 3.1562, 14.3846



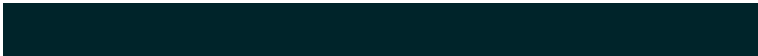
30.1620, -12.4049, 12.1359

Rectangle

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



25.2490, -1.1088, -17.7584



25.9200, 7.9274, -22.7318



31.5980, 3.1562, 14.3846



31.0300, -5.4378, 17.5137

Sweetspot

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



25.2490, -1.1088, -17.7584



41.8420, -0.4151, -6.8774



27.0840, -10.8874, -7.9667



20.5650, -0.2785, -4.0035



150.0000, 0.0000, 0.0000



23.0000, 0.0000, 0.0000

Same Dimension

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



25.2490, -1.1088, -17.7584



30.0800, -1.5184, -26.3802



25.5570, 5.1484, -18.0285



17.2880, -0.1420, -1.1296



53.4920, -3.2006, -46.9125



136.4770, -7.6302, -119.6903

Inverse Universe

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



15.7510, 1.1088, 17.7584



15.9200, 1.5184, 26.3802



15.4430, -5.1484, 18.0285



16.7120, 0.1420, 1.1296



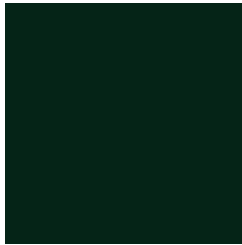
28.3940, 2.7638, 47.0125



72.5230, 7.6302, 119.6903

Previews

White Background



This preview shows how the YUV color 25.2490, -1.1088, -17.7584 looks on a white background.

Color Contrast Check

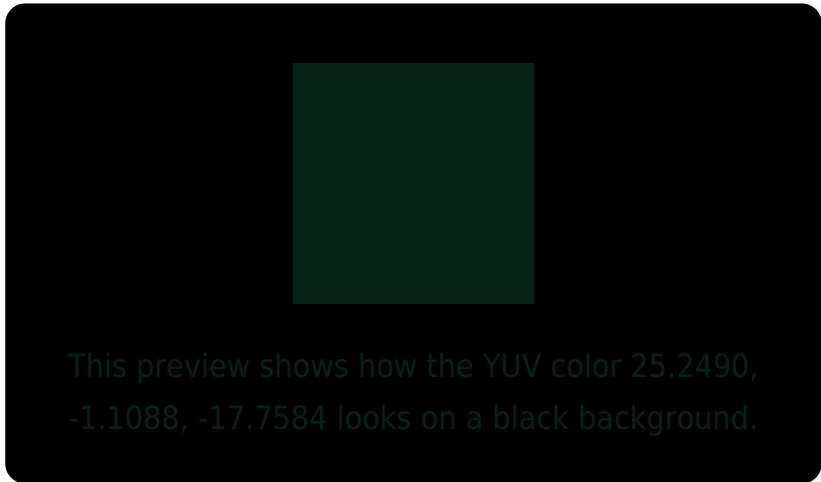
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.2490, -1.1088, -17.7584 Background



This preview shows how black text looks on a background with the YUV color 25.2490, -1.1088, -17.7584.



This preview shows how white text looks on a background with the YUV color 25.2490, -1.1088,

-17.7584.

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

25.2490, -1.1088, -17.7584

Protanopia

30.7570, -4.8102, 2.8441

Deuteranopia

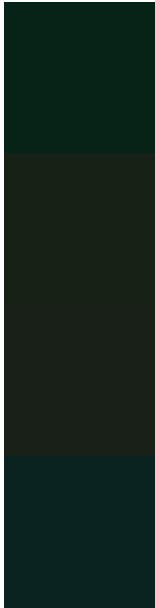
31.4090, -3.6526, 4.9033



Tritanopia

28.0630, 4.4059, -13.2103

Trichromacy



Original Color

25.2490, -1.1088, -17.7584

Protanomaly

28.7560, -3.3307, -5.0480

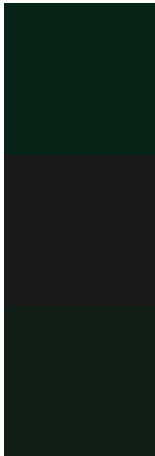
Deuteranomaly

28.9950, -2.4625, -3.5036

Tritanomaly

27.1830, 2.3748, -15.0695

Monochromacy



Original Color

25.2490, -1.1088, -17.7584

Achromatopsia

25.0000, 0.0000, 0.0000

Achromatomaly

25.1410, -0.5625, -6.2627

CSS Examples

Text

The CSS property to change the color of the text to YUV 25.2490, -1.1088, -17.7584 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(5, 36, 23)` looks like.

```
.text, #text, p{  
    color:rgb(5, 36, 23)  
}
```

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(5, 36, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 36, 23) }
```

Border

The CSS property to change the border of an element to YUV 25.2490, -1.1088, -17.7584 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(5, 36, 23) }
```


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

```
.border{ border-color:rgb(5, 36, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 36, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 36, 23); -webkit-box-shadow:4px  
4px 4px 4px rgb(5, 36, 23); box-shadow:4px  
4px 4px 4px rgb(5, 36, 23) }
```

Background

The CSS property to change the background color of an element to YUV 25.2490, -1.1088, -17.7584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 36, 23) }
```

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

```
.background{ background-color: rgb(5, 36,  
23) }
```

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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