

Converting Colors

YUV(19.1570, 25.5586, 15.6483)

Have a look what the booklet for
YUV(19.1570, 25.5586, 15.6483)
contains.

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Color

**YUV(19.1570, 25.5586,
15.6483)**

Conversions

Conversions Part 1

Format	Color
Hex	250047
RGB	37, 0, 71
RGB Percent	15%, 0%, 28%
CMY	0.8549, 1.0000, 0.7216
CMYK	0.48, 1.00, 0.00, 0.72
HSL	271°, 100%, 14%
HSV	271°, 100%, 28%
XYZ	1.9003, 0.8482, 6.0248
YIQ	19.1570, -0.7390, 29.9250

Conversions

Conversions Part 2

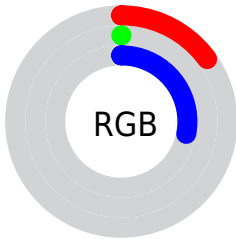
Format	Color
R_{YB}	37, 0, 71
Decimal	2424903
CIE Lab	7.66, 33.71, -35.42
CIE LCh	8, 48.896, 313.589
Yxy	0.8482, 0.2166, 0.0967
Android (android.graphics.Color)	4280614983 (0xFF250047)
YUV	19.1570, 25.5586, 15.6483
Hunter-Lab	9.2100, 20.7118, -32.3379

Details

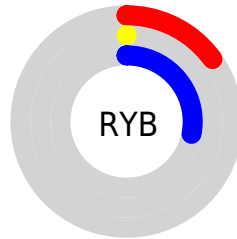
The YUV color **19.1570, 25.5586, 15.6483** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **51.8430, -25.5586, -15.6483**, and the grayscale version is **19.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **66.6950, 26.2794, 17.8075**, and **3.5510, 11.0674, -3.1142** is the 20% darker color. If you saturate the color by 10%, you get **19.1570, 25.5586, 15.6483**, and if you desaturate by 10%, it is **24.1630, 23.0906, 13.8890**.

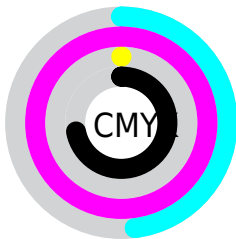
Distribution



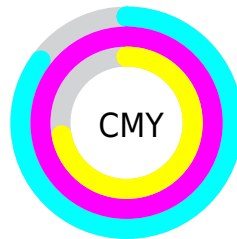
- Red (15%)
- Green (0%)
- Blue (28%)



- Red (15%)
- Yellow (0%)
- Blue (28%)



- Cyan (48%)
- Magenta (100%)
- Yellow (0%)
- Black (72%)



- Cyan (85%)
- Magenta (100%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 19.1570, 25.5586, 15.6483 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 19.1570, 25.5586, 15.6483 by changing the saturation by 10% instead.

■ 19.1570, 25.5586,
15.6483

■ 19.1570, 25.5586,
15.6483

■ 239.1510, 7.8136,
13.8996

■ 9.9570, 18.7552,
4.4227

■ 66.6950, 26.2794,
17.8075

■ 3.5510, 11.0674,
-3.1142

■ 91.5210, 26.8581,
18.8371

■ 0.0000, 0.0000,
0.0000

■ 116.4610, 27.8737,
19.7667

■ 142.4010, 28.8893,
20.6963

■ 169.2270, 29.4681,
21.7259

■ 196.7110, 28.7365,

23.0555

■ 221.8180, 16.3587,
26.4696

■ 19.1570, 25.5586,
15.6483

■ 24.1630, 23.0906,
13.8890

■ 29.4680, 20.4753,
12.7446

■ 34.4740, 18.0073,
10.9853

■ 39.7790, 15.3920,
9.8408

■ 45.3720, 12.6346,
7.5668

■ 50.3780, 10.1666,
5.8075

■ 55.6830, 7.5513,
4.6630

■ 60.6890, 5.0833,
2.9037

■ 65.9940, 2.4680,
1.7593

Harmonies

Analogous

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



24.1200, 31.4928, -21.1532



19.1570, 25.5586, 15.6483



25.1200, 8.3218, 37.6058

Triad

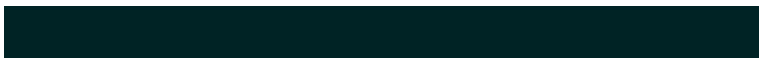
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



19.1570, 25.5586, 15.6483



21.3740, -10.5374, 19.8430



24.7630, 6.0328, -21.7172

Complementary

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



19.1570, 25.5586, 15.6483



51.8430, -25.5586, -15.6483

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.



19.9580, -9.8393, -17.5032



19.1570, 25.5586, 15.6483



19.7360, -9.7298, -5.9075

Square

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



19.1570, 25.5586, 15.6483



19.1360, -9.4340, 39.3457



19.9580, -9.8393, -17.5032



29.4710, 18.9948, -25.8461

Rectangle

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



19.1570, 25.5586, 15.6483



24.4060, -2.1722, 43.4939



19.9580, -9.8393, -17.5032



22.9220, 1.5175, -20.1026

Sweetspot

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



19.1570, 25.5586, 15.6483



71.6770, 10.0192, 6.4223



28.0520, 21.1734, -24.6016



33.6290, 6.0989, 3.8334



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



19.1570, 25.5586, 15.6483



24.8400, 33.1099, 20.3113



29.2090, 20.1100, 36.6507



33.0540, 1.4524, 0.8296



26.8340, 35.5778, 22.0706



61.1600, 81.7591, 49.8487

Inverse Universe

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



25.1050, 4.3852, 40.2499



32.5240, 5.6577, 52.1605



41.7910, -20.1100, -36.6507



33.4240, 0.2840, 2.2592



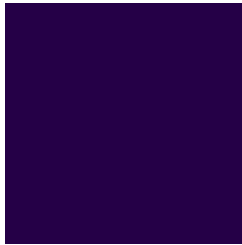
35.0730, 6.3730, 56.0640



80.2990, 14.1496, 128.6568

Previews

White Background



This preview shows how the YUV color 19.1570, 25.5586, 15.6483 looks on a white background.

Color Contrast Check

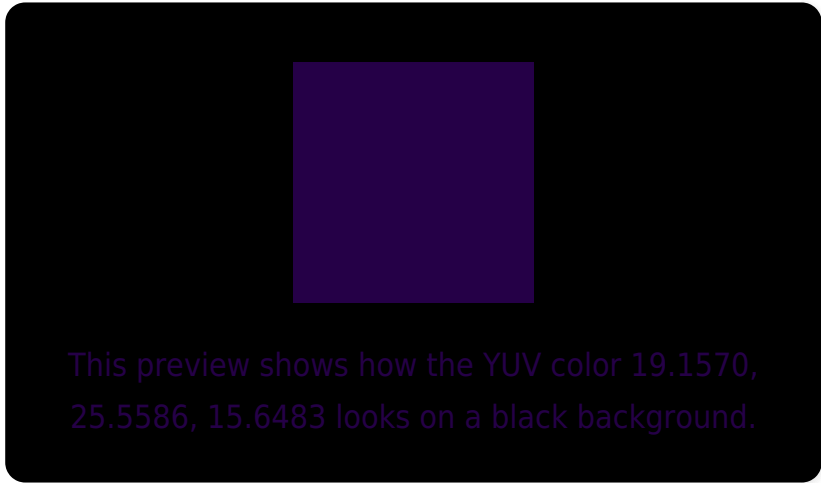
Large Text (above 18pt) WCAG AA ✓ Pass

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

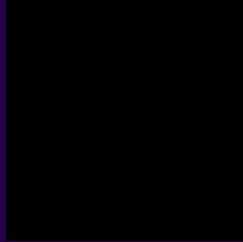
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 19.1570, 25.5586, 15.6483

Background



This preview shows how black text looks on a background with the YUV color 19.1570, 25.5586, 15.6483.



This preview shows how white text looks on a background with the YUV color 19.1570, 25.5586,

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



Protanopia

22.2330, 16.6471, -19.4983

Deuteranopia

21.9080, 12.8634, -19.2133

Tritanopia

27.6300, 1.1684, -1.4295

Trichromacy



Protanomaly

20.8200, 19.8087, -6.8581

Deuteranomaly

20.8370, 17.3354, -6.8730

Tritanomaly

24.6660, 10.0247, 4.6779

Monochromacy



Achromatopsia

19.0000, 0.0000, 0.0000

Achromatomaly

19.1500, 9.2931, 6.0075

CSS Examples

Text

The CSS property to change the color of the text to YUV 19.1570, 25.5586, 15.6483 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(37, 0, 71)` looks like.

```
.text, #text, p{  
    color:rgb(37, 0, 71)  
}
```

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(37, 0, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 0, 71) }
```

Border

The CSS property to change the border of an element to YUV 19.1570, 25.5586, 15.6483 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(37, 0, 71) }
```

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

```
.border{ border-color:rgb(37, 0, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 0, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 0, 71); -webkit-box-shadow:4px  
4px 4px 4px rgb(37, 0, 71); box-shadow:4px  
4px 4px 4px rgb(37, 0, 71) }
```


Background

The CSS property to change the background color of an element to YUV 19.1570, 25.5586, 15.6483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 0, 71) }
```

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

```
.background{ background-color: rgb(37, 0,  
71) }
```

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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