

Converting Colors

YUV(20.7570, 11.9518, -6.8029)

Have a look what the booklet for
YUV(20.7570, 11.9518, -6.8029)
contains.

YUV(20.7570, 11.9518, -6.8029)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(20.7570, 11.9518,
-6.8029)**

Conversions

Conversions Part 1

Format	Color
Hex	0D142D
RGB	13, 20, 45
RGB Percent	5%, 8%, 18%
CMY	0.9490, 0.9216, 0.8235
CMYK	0.71, 0.56, 0.00, 0.82
HSL	227°, 55%, 11%
HSV	227°, 71%, 18%
XYZ	0.8898, 0.7753, 2.5854
YIQ	20.7570, -12.1970, 6.2910

Conversions

Conversions Part 2

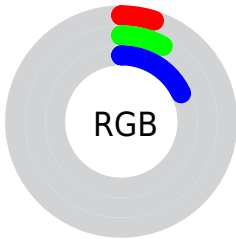
Format	Color
R _Y B	13, 19, 45
Decimal	857133
CIE Lab	7.00, 6.23, -17.82
CIE LCh	7, 18.879, 289.254
Yxy	0.7753, 0.2093, 0.1824
Android (android.graphics.Color)	4279047213 (0xFF0D142D)
YUV	20.7570, 11.9518, -6.8029
Hunter-Lab	8.8053, 2.6283, -11.2447

Details

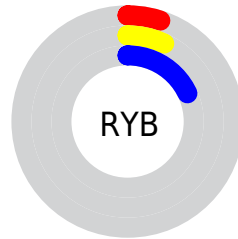
The YUV color **20.7570, 11.9518, -6.8029** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **37.2430, -11.9518, 6.8029**, and the grayscale version is **21.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **64.1100, 13.2568, -5.3585**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **17.2130, 13.6990, -7.2028**, and if you desaturate by 10%, it is **24.6000, 10.0572, -5.7882**.

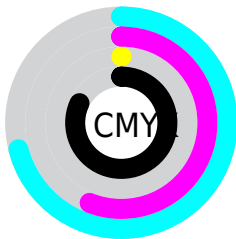
Distribution



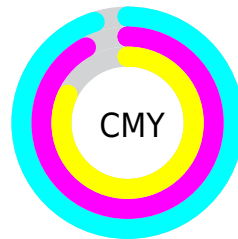
- Red (5%)
- Green (8%)
- Blue (18%)



- Red (5%)
- Yellow (7%)
- Blue (18%)



- Cyan (71%)
- Magenta (56%)
- Yellow (0%)
- Black (82%)



- Cyan (95%)
- Magenta (92%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 20.7570, 11.9518, -6.8029 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 20.7570, 11.9518, -6.8029 by changing the saturation by 10% instead.

■ 20.7570, 11.9518,
-6.8029

■ 20.7570, 11.9518,
-6.8029

■ 244.6560, 5.0996,
-2.3293

■ 3.3230, 10.1938,
-2.9143

■ 64.1100, 13.2568,
-5.3585

■ 0.0000, 0.0000,
0.0000

■ 87.6370, 13.9830,
-4.9436

■ 111.7510, 14.4198,
-5.0436

■ 137.8650, 14.8566,
-5.1436

■ 163.9790, 15.2934,
-5.2436

■ 191.0930, 15.7302,

-5.3436

■ 219.2070, 16.1669,
-5.4435

■ 20.7570, 11.9518,
-6.8029

■ 20.7570, 11.9518,
-6.8029

■ 17.2130, 13.6990,
-7.2028

■ 24.6000, 10.0572,
-5.7882

■ 13.9570, 15.3042,
-8.7323

■ 27.5570, 8.5994,
-4.8735

■ 11.0000, 16.7620,
-9.6470

■ 31.4000, 6.7048,
-3.8588

■ 34.3570, 5.2470,
-2.9441

■ 38.2000, 3.3524,
-1.9294

■ 41.1570, 1.8946,
-1.0147

■ 45.0000, 0.0000,
0.0000

■ 47.9570, -1.4578,
0.9147

■ 51.8000, -3.3524,
1.9294

Harmonies

Analogous

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



19.3320, 13.1473, -16.9542



20.7570, 11.9518, -6.8029



22.1180, 7.8298, 8.6665

Triad

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



20.7570, 11.9518, -6.8029



20.4770, -10.0952, 17.9987



18.7330, -1.8404, -16.4288

Complementary

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



20.7570, 11.9518, -6.8029



37.2430, -11.9518, 6.8029

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.



16.4470, -8.1084, -12.6700



20.7570, 11.9518, -6.8029



20.7210, -10.2155, 9.8917

Square

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



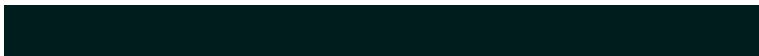
20.7570, 11.9518, -6.8029



20.2800, -4.5750, 20.8024



20.0680, -9.8935, -0.0596



20.3290, 4.2748, -17.8285

Rectangle

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



20.7570, 11.9518, -6.8029



21.6520, 4.6086, 15.2142



20.0680, -9.8935, -0.0596



17.3480, -4.6086, -15.2142

Sweetspot

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



20.7570, 11.9518, -6.8029



49.2430, 4.8102, -2.8441



34.6340, 1.6594, -18.9730



25.0860, 2.9156, -1.8294



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.



20.7570, 11.9518, -6.8029



21.1570, 18.6566, -10.6617



19.3390, 12.6509, 2.3337



21.2280, 0.8736, -0.2000



21.0710, 32.5030, -18.4793



51.9850, 79.8734, -45.5908

Inverse Universe

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



23.3660, -1.6594, 18.9730



25.2040, -2.5656, 29.6391



38.6610, -12.6509, -2.3337



21.5980, -0.2948, 1.2296



28.1790, -4.5252, 51.5860



69.3440, -11.0156, 126.8633

Previews

White Background



This preview shows how the YUV color 20.7570, 11.9518, -6.8029 looks on a white background.

Color Contrast Check

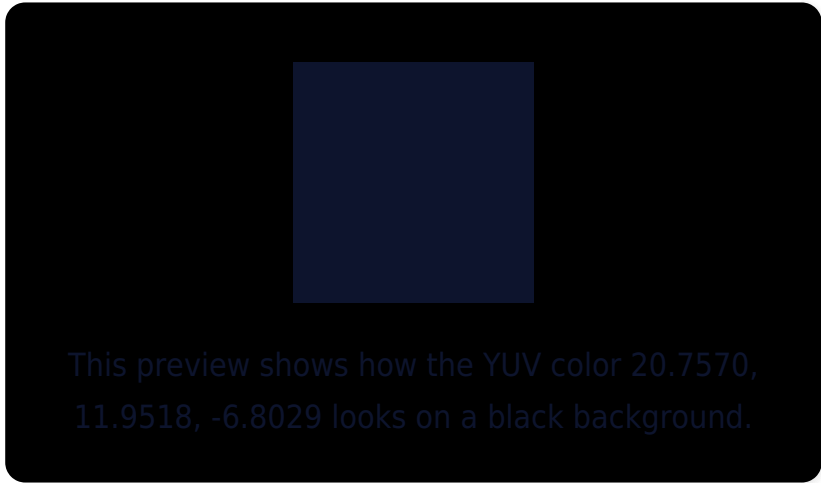
Large Text (above 18pt) WCAG AA ✓ Pass

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

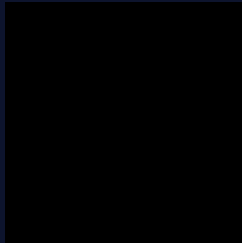
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 20.7570, 11.9518, -6.8029

Background



This preview shows how black text looks on a background with the YUV color 20.7570, 11.9518, -6.8029.



This preview shows how white text looks on a background with the YUV color 20.7570, 11.9518,

-6.8029.

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

20.7570, 11.9518, -6.8029

Protanopia

17.4570, 13.5787, -15.3098

Deuteranopia

17.3600, 10.6685, -15.2247



Tritanopia

17.0520, 4.4114, -14.9546

Trichromacy



Original Color

20.7570, 11.9518, -6.8029

Protanomaly

18.9520, 12.8417, -12.2359

Deuteranomaly

18.4960, 11.0945, -11.8360

Tritanomaly

18.7580, 7.0213, -12.0658

Monochromacy



Original Color

20.7570, 11.9518, -6.8029

Achromatopsia

21.0000, 0.0000, 0.0000

Achromatomaly

21.1290, 4.3734, -2.7441

CSS Examples

Text

The CSS property to change the color of the text to YUV 20.7570, 11.9518, -6.8029 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(13, 20, 45)` looks like.

```
.text, #text, p{  
    color:rgb(13, 20, 45)  
}
```

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(13, 20, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 20, 45) }
```

Border

The CSS property to change the border of an element to YUV 20.7570, 11.9518, -6.8029 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(13, 20, 45) }
```


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

```
.border{ border-color:rgb(13, 20, 45) }
```

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

Here you see how a box with a 4 pixel rgb(13, 20, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 20, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 20, 45);  
box-shadow:4px 4px 4px 4px rgb(13, 20, 45)  
}
```

Background

The CSS property to change the background color of an element to YUV 20.7570, 11.9518, -6.8029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 20, 45) }
```

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

```
.background{ background-color: rgb(13, 20,  
45) }
```

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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