

Converting Colors

YUV(20.0570, 43.8489,
-17.5900)

Have a look what the booklet for
YUV(20.0570, 43.8489, -17.5900)
contains.

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Color

**YUV(20.0570, 43.8489,
-17.5900)**

Conversions

Conversions Part 1

Format	Color
Hex	000D6D
RGB	0, 13, 109
RGB Percent	0%, 5%, 43%
CMY	1.0000, 0.9490, 0.5725
CMYK	1.00, 0.88, 0.00, 0.57
HSL	233°, 100%, 21%
HSV	233°, 100%, 43%
XYZ	2.9042, 1.3920, 14.5836
YIQ	20.0570, -38.5640, 27.1000

Conversions

Conversions Part 2

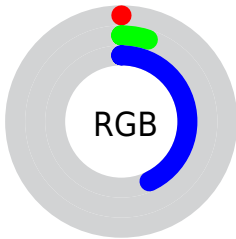
Format	Color
RYB	0, 12, 109
Decimal	3437
CIELab	11.90, 36.04, -54.22
CIELCh	12, 65.103, 303.612
Yxy	1.3920, 0.1538, 0.0737
Android (android.graphics.Color)	4278193517 (0xFF000D6D)
YUV	20.0570, 43.8489, -17.5900
Hunter-Lab	11.7982, 23.2927, -65.0289

Details

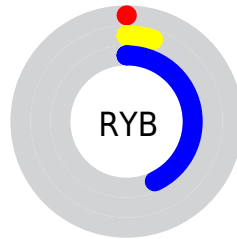
The YUV color **20.0570, 43.8489, -17.5900** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **88.9430, -43.8489, 17.5900**, and the grayscale version is **20.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **74.3520, 43.2105, 0.5683**, and **9.7750, 24.7609, -8.5727** is the 20% darker color. If you saturate the color by 10%, you get **20.0570, 43.8489, -17.5900**, and if you desaturate by 10%, it is **29.2160, 39.3335, -15.9754**.

Distribution



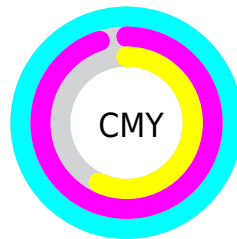
- Red (0%)
- Green (5%)
- Blue (43%)



- Red (0%)
- Yellow (5%)
- Blue (43%)



- Cyan (100%)
- Magenta (88%)
- Yellow (0%)
- Black (57%)



- Cyan (100%)
- Magenta (95%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 20.0570, 43.8489, -17.5900 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 20.0570, 43.8489, -17.5900 by changing the saturation by 10% instead.

■ 20.0570, 43.8489,
-17.5900

■ 20.0570, 43.8489,
-17.5900

■ 246.7820, 4.0515,
7.2072

■ 9.5760, 36.6910,
-8.3982

■ 74.3520, 43.2105,
0.5683

■ 9.7750, 24.7609,
-8.5727

■ 99.8900, 43.9312,
2.7275

■ 5.3920, 15.5827,
-4.7288

■ 126.1290, 44.7994,
4.2719

■ 2.1830, 5.8258,
-1.9145

■ 152.4820, 46.1044,
5.7163

■ 0.0000, 0.0000,
0.0000

■ 177.4410, 38.2366,
9.2602

■ 202.5480, 25.8588,

12.6744

■ 227.0680, 13.7705,
16.6034

■ 20.0570, 43.8489,
-17.5900

■ 29.2160, 39.3335,
-15.9754

■ 37.7880, 35.1075,
-13.8461

■ 46.9470, 30.5921,
-12.2315

■ 55.5190, 26.3661,
-10.1022

■ 64.6780, 21.8507,
-8.4876

■ 73.5380, 17.4828,
-7.4878

■ 82.1100, 13.2568,
-5.3585

■ 91.2690, 8.7414,
-3.7439

■ 99.8410, 4.5154,
-1.6146

Harmonies

Analogous

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



37.1430, 43.3135, -32.5744



20.0570, 43.8489, -17.5900



33.3240, 19.0673, 44.4429

Triad

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



20.0570, 43.8489, -17.5900



23.8650, -11.7654, 40.4604



31.1060, 2.4127, -27.2800

Complementary

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



20.0570, 43.8489, -17.5900



88.9430, -43.8489, 17.5900

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.



26.4150, -13.0226, -23.1660



20.0570, 43.8489, -17.5900



29.5480, -14.5672, 5.6584

Square

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



20.0570, 43.8489, -17.5900



27.8070, -13.7089, 57.1743



24.0670, -11.8650, -21.1068



37.4100, 21.4899, -32.8086

Rectangle

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



20.0570, 43.8489, -17.5900



34.2040, 4.3364, 55.9491



24.0670, -11.8650, -21.1068



28.6950, -4.2866, -25.1655

Sweetspot

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



20.0570, 43.8489, -17.5900



107.8370, 17.3354, -6.8730



74.6990, 9.5154, -65.5110



50.6110, 10.0518, -4.0438



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



20.0570, 43.8489, -17.5900



26.2810, 57.5425, -23.0484



24.3860, 41.7147, 13.6935



49.2710, 2.3314, -1.1147



21.5560, 47.0539, -18.9046



44.9530, 98.6232, -39.4238

Inverse Universe

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



34.0730, -10.3890, 65.7110



44.6950, -13.6536, 86.2135



84.6140, -41.7147, -13.6935



49.9080, -0.4476, 3.5887



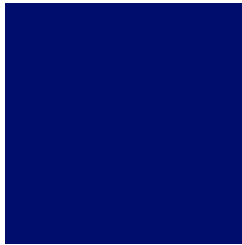
36.5790, -11.1314, 70.5292



76.5610, -23.4476, 147.7210

Previews

White Background



This preview shows how the YUV color 20.0570, 43.8489, -17.5900 looks on a white background.

Color Contrast Check

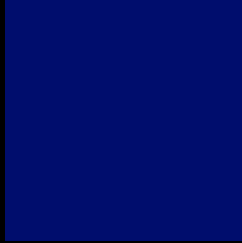
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 20.0570, 43.8489, -17.5900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

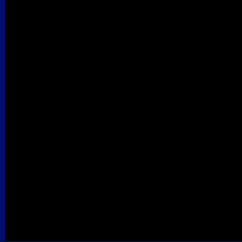
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 20.0570, 43.8489, -17.5900

Background



This preview shows how black text looks on a background with the YUV color 20.0570, 43.8489, -17.5900.



This preview shows how white text looks on a background with the YUV color 20.0570, 43.8489,

-17.5900.

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

27.2370, 20.5892, -23.8868

Deuteranopia

27.2710, 15.6424, -23.9167

Tritanopia

26.8660, 6.4751, -23.5615

Trichromacy



Protanomaly

24.8380, 29.1669, -21.7829

Deuteranomaly

24.6270, 25.8199, -21.5979

Tritanomaly

24.4330, 19.9995, -21.4277

Monochromacy



Achromatopsia

20.0000, 0.0000, 0.0000

Achromatomaly

19.7940, 15.8776, -5.9583

CSS Examples

Text

The CSS property to change the color of the text to YUV 20.0570, 43.8489, -17.5900 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, 13, 109)` looks like.

```
.text, #text, p{  
    color:rgb(0, 13, 109)  
}
```

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, 13, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 13, 109) }
```

Border

The CSS property to change the border of an element to YUV 20.0570, 43.8489, -17.5900 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, 13, 109) }
```

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

```
.border{ border-color:rgb(0, 13, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 13, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 13, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 13, 109);  
box-shadow:4px 4px 4px 4px rgb(0, 13, 109)  
}
```


Background

The CSS property to change the background color of an element to YUV 20.0570, 43.8489, -17.5900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 13, 109) }
```

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

```
.background{ background-color: rgb(0, 13,  
109) }
```

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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