

# Converting Colors

YUV(20.4280, 44.6520, 4.8866)

Have a look what the booklet for  
YUV(20.4280, 44.6520, 4.8866)  
contains.

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# Color

**YUV(20.4280, 44.6520,  
4.8866)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1A006F
RGB	26, 0, 111
RGB Percent	10%, 0%, 44%
CMY	0.8980, 1.0000, 0.5647
CMYK	0.77, 1.00, 0.00, 0.56
HSL	254°, 100%, 22%
HSV	254°, 100%, 44%
XYZ	3.2952, 1.3673, 15.1292
YIQ	20.4280, -20.1350, 40.0330

# Conversions

## Conversions Part 2

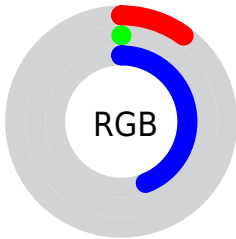
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	26, 0, 111
Decimal	1704047
CIE <sub>Lab</sub>	11.74, 43.48, -55.76
CIE <sub>LCh</sub>	12, 70.709, 307.941
Yxy	1.3673, 0.1665, 0.0691
Android (android.graphics.Color)	4279894127 (0xFF1A006F)
YUV	20.4280, 44.6520, 4.8866
Hunter-Lab	11.6932, 29.8397, -68.5267

# Details

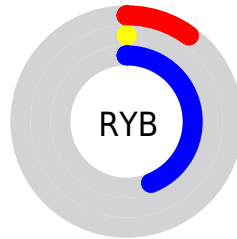
The YUV color **20.4280, 44.6520, 4.8866** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **90.5720, -44.6520, -4.8866**, and the grayscale version is **20.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **74.0590, 44.3409, 11.3493**, and **7.0680, 27.0815, -6.1986** is the 20% darker color. If you saturate the color by 10%, you get **20.4280, 44.6520, 4.8866**, and if you desaturate by 10%, it is **29.5760, 40.1420, 4.7568**.

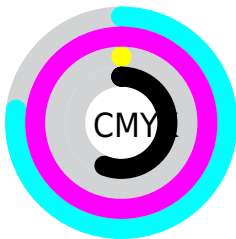
# Distribution



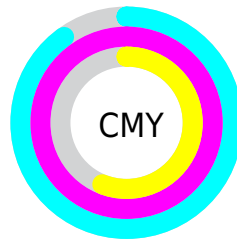
- Red (10%)
- Green (0%)
- Blue (44%)



- Red (10%)
- Yellow (0%)
- Blue (44%)



- Cyan (77%)
- Magenta (100%)
- Yellow (0%)
- Black (56%)



- Cyan (90%)
- Magenta (100%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 20.4280, 44.6520, 4.8866 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 20.4280, 44.6520, 4.8866 by changing the saturation by 10% instead.



■ 20.4280, 44.6520,  
4.8866

■ 20.4280, 44.6520,  
4.8866

■ 243.2600, 5.7878,  
10.2960

■ 9.8040, 37.5646,  
-8.5981

■ 74.0590, 44.3409,  
11.3493

■ 7.0680, 27.0815,  
-6.1986

■ 99.7110, 45.4985,  
13.4085

■ 6.2070, 16.1669,  
-5.4435

■ 125.9500, 46.3666,  
14.9528

■ 2.4110, 6.6994,  
-2.1144

■ 153.1890, 47.2348,  
16.4972

■ 0.0000, 0.0000,  
0.0000

■ 177.5070, 38.2040,  
19.7264

■ 202.3260, 25.9683,

24.2701

■ 226.2370, 14.1802,  
25.2252

■ 20.4280, 44.6520,  
4.8866

■ 29.5760, 40.1420,  
4.7568

■ 38.4250, 35.7795,  
4.0123

■ 47.5730, 31.2695,  
3.8825

■ 56.4220, 26.9070,  
3.1379

■ 66.1570, 22.1076,  
2.4933

■ 75.0060, 17.7450,  
1.7487

■ 84.1540, 13.2351,  
1.6189

■ 93.0030, 8.8725,  
0.8744

■ 102.1510, 4.3626,  
0.7446

# Harmonies

## Analogous

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



37.4680, 47.0973, -32.8594



20.4280, 44.6520, 4.8866



35.3740, 16.5776, 49.6610

# Triad

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



20.4280, 44.6520, 4.8866



25.3160, -12.4808, 36.5569



31.4310, 6.1965, -27.5650

# Complementary

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



20.4280, 44.6520, 4.8866



90.5720, -44.6520, -4.8866

# 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.



25.8280, -12.7332, -22.6512



20.4280, 44.6520, 4.8866



28.3300, -13.9667, -0.2894

# Square

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



20.4280, 44.6520, 4.8866



28.1060, -13.8563, 57.7890



25.2410, -12.4438, -22.1364



38.6640, 26.2946, -33.9083



# Rectangle

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



20.4280, 44.6520, 4.8866



35.6130, 0.6838, 60.8524



25.2410, -12.4438, -22.1364



29.3790, -1.6658, -25.7654

# Sweetspot

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



20.4280, 44.6520, 4.8866



109.8920, 17.3082, 1.8487



62.5490, 23.8863, -54.8555



52.1710, 10.7617, 1.6040



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000



# Same Dimension

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



20.4280, 44.6520, 4.8866



26.6960, 58.3239, 6.4056



36.8730, 36.5446, 38.6994



51.2820, 2.3260, 0.6297



22.0520, 48.2884, 5.2164



45.5000, 99.3395, 10.9625



# Inverse Universe

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



42.8790, 20.7657, 59.7421



56.0090, 27.1106, 78.0451



74.1270, -36.5446, -38.6994



52.3640, 1.2995, 3.1888



46.3680, 22.4966, 64.5753

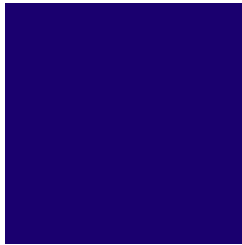


95.3990, 46.1453, 132.9541



# Previews

## White Background



This preview shows how the YUV color 20.4280, 44.6520, 4.8866 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

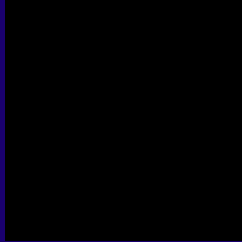
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

**YUV 20.4280, 44.6520, 4.8866**

## **Background**



This preview shows how black text looks on a background with the YUV color 20.4280, 44.6520, 4.8866.



This preview shows how white text looks on a background with the YUV color 20.4280, 44.6520,



# 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

28.1660, 21.6102, -24.7016

### Deuteranopia

28.6730, 15.9372, -25.1462

### Tritanopia

27.5670, 6.6225, -24.1763

# Trichromacy



## Protanomaly

25.4090, 29.8714, -14.3907

## Deuteranomaly

25.7850, 26.2350, -14.7204

## Tritanomaly

24.8900, 20.2672, -13.9355

# Monochromacy



## Achromatopsia

20.0000, 0.0000, 0.0000

## Achromatomaly

20.2510, 16.1453, 1.5339

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 20.4280, 44.6520, 4.8866 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(26, 0, 111)` looks like.

```
.text, #text, p{  
    color:rgb(26, 0, 111)  
}
```

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(26, 0, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 0, 111) }
```

## Border

The CSS property to change the border of an element to YUV 20.4280, 44.6520, 4.8866 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(26, 0, 111) }
```

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

```
.border{ border-color:rgb(26, 0, 111) }
```

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

Here you see how a box with a 4 pixel rgb(26, 0, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 0, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 0, 111);  
box-shadow:4px 4px 4px 4px rgb(26, 0, 111)  
}
```



# Background

The CSS property to change the background color of an element to YUV 20.4280, 44.6520, 4.8866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 0, 111) }
```

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

```
.background{ background-color: rgb(26, 0,  
111) }
```

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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