

# Converting Colors

YUV(20.1460, 42.3260, 4.2570)

Have a look what the booklet for  
YUV(20.1460, 42.3260, 4.2570)  
contains.

<b>YUV(20.1460, 42.3260, 4.2570)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(20.1460, 42.3260,  
4.2570)**

# Conversions

## Conversions Part 1

Format	Color
Hex	19016A
RGB	25, 1, 106
RGB Percent	10%, 0%, 42%
CMY	0.9020, 0.9961, 0.5843
CMYK	0.76, 0.99, 0.00, 0.58
HSL	254°, 98%, 21%
HSV	254°, 99%, 42%
XYZ	3.0133, 1.2690, 13.7218
YIQ	20.1460, -19.4010, 37.7430

# Conversions

## Conversions Part 2

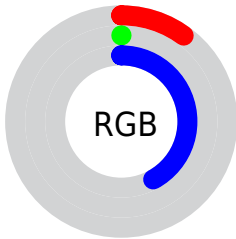
<b>Format</b>	<b>Color</b>
<b>RYB</b>	25, 1, 106
Decimal	1638762
CIELab	11.06, 41.62, -53.62
CIELCh	11, 67.881, 307.820
Yxy	1.2690, 0.1674, 0.0705
Android (android.graphics.Color)	4279828842 (0xFF19016A)
YUV	20.1460, 42.3260, 4.2570
Hunter-Lab	11.2649, 28.0336, -64.3355

# Details

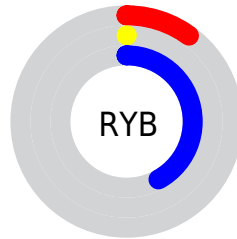
The YUV color **20.1460, 42.3260, 4.2570** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **86.8540, -42.3260, -4.2570**, and the grayscale version is **20.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **72.8910, 42.4517, 10.6196**, and **8.2590, 24.0293, -7.2431** is the 20% darker color. If you saturate the color by 10%, you get **19.2600, 42.7628, 4.1570**, and if you desaturate by 10%, it is **28.9950, 37.9635, 3.5124**.

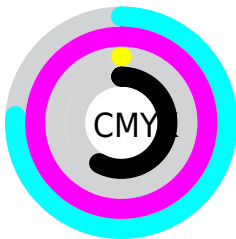
# Distribution



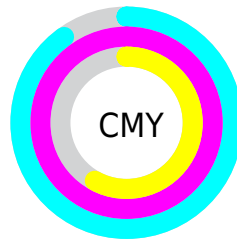
- Red (10%)
- Green (0%)
- Blue (42%)



- Red (10%)
- Yellow (0%)
- Blue (42%)



- Cyan (76%)
- Magenta (99%)
- Yellow (0%)
- Black (58%)



- Cyan (90%)
- Magenta (100%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 20.1460, 42.3260, 4.2570 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 20.1460, 42.3260, 4.2570 by changing the saturation by 10% instead.



■ 20.1460, 42.3260,  
4.2570

■ 20.1460, 42.3260,  
4.2570

■ 242.6730, 6.0772,  
10.8108

■ 9.2340, 35.3806,  
-8.0982

■ 72.8910, 42.4517,  
10.6196

■ 8.2590, 24.0293,  
-7.2431

■ 98.4290, 43.1725,  
12.7788

■ 5.1640, 14.7091,  
-4.5288

■ 124.0810, 44.3301,  
14.8380

■ 1.0260, 3.9312,  
-0.8998

■ 151.0210, 45.3456,  
15.7676


■ 0.0000, 0.0000,  
0.0000


■ 176.0230, 38.9357,  
18.3968


■ 201.4290, 26.4105,


22.4258


 225.6500, 14.4696,  
25.7400


 20.1460, 42.3260,  
4.2570


 20.1460, 42.3260,  
4.2570


 19.2600, 42.7628,  
4.1570

 28.9950, 37.9635,  
3.5124

 37.2570, 33.8903,  
3.2826

 46.4050, 29.3803,  
3.1528

 54.6670, 25.3072,  
2.9230

 63.5160, 20.9446,  
2.1785

■ 72.3650, 16.5821,  
1.4339

■ 80.6270, 12.5089,  
1.2041

■ 89.4760, 8.1463,  
0.4595

■ 98.0370, 3.9258,  
0.8446

# Harmonies

## Analogous

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



35.6100, 45.0553, -31.2300



20.1460, 42.3260, 4.2570



33.8360, 15.8569, 47.5018

# Triad

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



20.1460, 42.3260, 4.2570



24.4190, -12.0386, 34.7125



30.5020, 5.1755, -26.7503

# Complementary

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



20.1460, 42.3260, 4.2570



86.8540, -42.3260, -4.2570

# 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.



25.2410, -12.4438, -22.1364



20.1460, 42.3260, 4.2570



26.8570, -13.2405, 0.1254

# Square

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



20.1460, 42.3260, 4.2570



26.9100, -13.2666, 55.3299



24.0670, -11.8650, -21.1068



36.9200, 24.6894, -32.3788



# Rectangle

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



20.1460, 42.3260, 4.2570



34.0040, 0.9840, 57.8785



24.0670, -11.8650, -21.1068



28.0910, -1.5239, -24.6358

# Sweetspot

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



20.1460, 42.3260, 4.2570



103.7780, 16.8714, 1.9487



61.1040, 22.1337, -52.7112



48.6440, 10.0355, 1.1892



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000



# Same Dimension

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



20.1460, 42.3260, 4.2570



25.0010, 55.7085, 5.2611



35.3950, 34.8083, 35.6106



48.9830, 2.4734, 0.0149



21.4110, 47.1254, 4.9016



44.6740, 98.7607, 9.9329



# Inverse Universe

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



41.6290, 19.9029, 56.4534



53.3460, 25.9584, 74.2416



71.6050, -34.8083, -35.6106



50.2500, 0.8628, 3.2887



45.2430, 22.0652, 62.9309

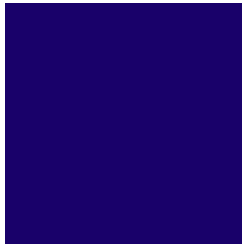


94.8010, 46.4401, 131.7245



# Previews

## White Background



This preview shows how the YUV color 20.1460, 42.3260, 4.2570 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

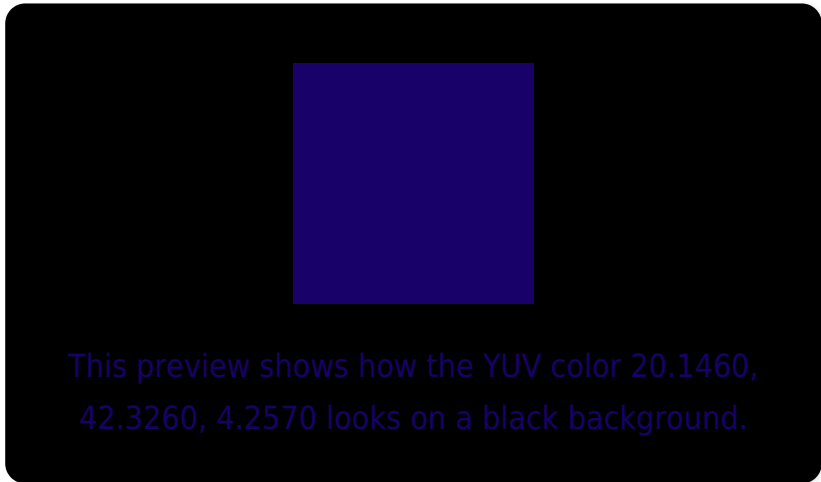
Any Text WCAG AA ✓ Pass

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

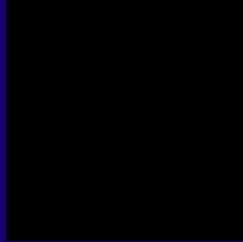
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 20.1460, 42.3260, 4.2570

## Background



This preview shows how black text looks on a background with the YUV color 20.1460, 42.3260, 4.2570.



This preview shows how white text looks on a background with the YUV color 20.1460, 42.3260,



# 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

20.1460, 42.3260, 4.2570

### Protanopia

27.2370, 20.5892, -23.8868

### Deuteranopia

27.1570, 15.2056, -23.8167



## Tritanopia

26.8660, 6.4751, -23.5615

# Trichromacy



## Original Color

20.1460, 42.3260, 4.2570

## Protanomaly

24.3660, 28.4136, -13.4760

## Deuteranomaly

24.7420, 24.7772, -13.8057

## Tritanomaly

24.6620, 19.3936, -13.7356

# Monochromacy



## Original Color

20.1460, 42.3260, 4.2570

## Achromatopsia

20.0000, 0.0000, 0.0000

## Achromatomaly

20.0230, 15.2717, 1.7338

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 20.1460, 42.3260, 4.2570 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(25, 1, 106)` looks like.

```
.text, #text, p{  
    color:rgb(25, 1, 106)  
}
```

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(25, 1, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 1, 106) }
```

## Border

The CSS property to change the border of an element to YUV 20.1460, 42.3260, 4.2570 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(25, 1, 106) }
```



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

```
.border{ border-color:rgb(25, 1, 106) }
```

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

Here you see how a box with a 4 pixel rgb(25, 1, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 1, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 1, 106);  
box-shadow:4px 4px 4px 4px rgb(25, 1, 106)  
}
```

# Background

The CSS property to change the background color of an element to YUV 20.1460, 42.3260, 4.2570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 1, 106) }
```

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

```
.background{ background-color: rgb(25, 1,  
106) }
```

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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