

# Converting Colors

YUV(44.2120, 15.1785,  
-15.0949)

Have a look what the booklet for  
YUV(44.2120, 15.1785, -15.0949)  
contains.

<b>YUV(44.2120, 15.1785, -15.0949)</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(44.2120, 15.1785,  
-15.0949)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1B2F4B
RGB	27, 47, 75
RGB Percent	11%, 18%, 29%
CMY	0.8941, 0.8157, 0.7059
CMYK	0.64, 0.37, 0.00, 0.71
HSL	215°, 47%, 20%
HSV	215°, 64%, 29%
XYZ	2.7385, 2.7740, 7.0477
YIQ	44.2120, -20.9080, 4.4680

# Conversions

## Conversions Part 2

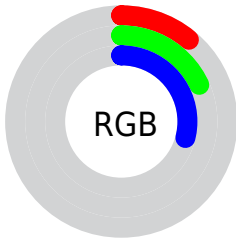
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	27, 41, 75
Decimal	1781579
CIE Lab	19.12, 1.92, -19.76
CIE LCh	19, 19.852, 275.564
Yxy	2.7740, 0.2180, 0.2209
Android (android.graphics.Color)	4279971659 (0xFF1B2F4B)
YUV	44.2120, 15.1785, -15.0949
Hunter-Lab	16.6555, 0.2021, -13.4296

# Details

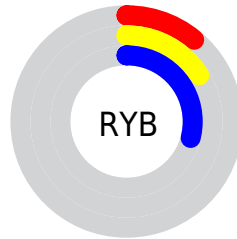
The YUV color **44.2120, 15.1785, -15.0949** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **57.7880, -15.1785, 15.0949**, and the grayscale version is **44.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **91.1520, 16.1941, -14.1653**, and **4.7080, 12.9620, -4.1289** is the 20% darker color. If you saturate the color by 10%, you get **39.7710, 17.3679, -17.3392**, and if you desaturate by 10%, it is **48.9520, 12.8417, -12.2359**.

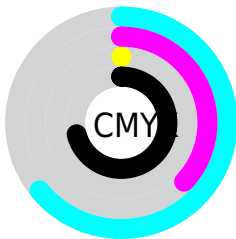
# Distribution



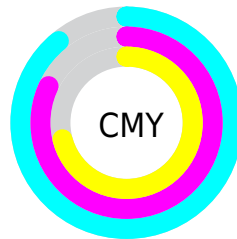
- Red (11%)
- Green (18%)
- Blue (29%)



- Red (11%)
- Yellow (16%)
- Blue (29%)



- Cyan (64%)
- Magenta (37%)
- Yellow (0%)
- Black (71%)



- Cyan (89%)
- Magenta (82%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 44.2120, 15.1785, -15.0949 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 44.2120, 15.1785, -15.0949 by changing the saturation by 10% instead.



■ 44.2120, 15.1785,  
-15.0949

■ 44.2120, 15.1785,  
-15.0949

■ 255.0000, 0.0000,  
0.0000

■ 21.4890, 15.0419,  
-17.9689

■ 91.1520, 16.1941,  
-14.1653

■ 4.7080, 12.9620,  
-4.1289

■ 115.6790, 16.9203,  
-13.7505

■ 0.2280, 0.8736,  
-0.2000

■ 141.7930, 17.3571,  
-13.8505

■ 0.0000, 0.0000,  
0.0000

■ 167.9070, 17.7938,  
-13.9504

■ 195.0210, 18.2306,  
-14.0504

■ 222.4510, 16.0467,

-13.5505

■ 248.1450, 3.3795,  
-10.6512

■ 44.2120, 15.1785,  
-15.0949

■ 44.2120, 15.1785,  
-15.0949

■ 39.7710, 17.3679,  
-17.3392

■ 48.9520, 12.8417,  
-12.2359

■ 34.4440, 19.9941,  
-19.6834

■ 53.9800, 10.3629,  
-10.5065

■ 30.0030, 22.1835,  
-21.9276

■ 58.4210, 8.1734,  
-8.2622

■ 26.7470, 23.7887,  
-23.4571

■ 63.7480, 5.5472,  
-5.9180

■ 68.4880, 3.2104,  
-3.0590

■ 72.9290, 1.0210,  
-0.8147

■ 78.2560, -1.6052,  
1.5295

■ 82.6970, -3.7946,  
3.7737

■ 87.4370, -6.1314,  
6.6328

# Harmonies

## Analogous

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



38.1450, 16.6905, -33.4532



44.2120, 15.1785, -15.0949



47.8830, 10.9037, 2.7336

# Triad

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



44.2120, 15.1785, -15.0949



46.6670, -8.2168, 22.2170



40.3690, -3.1399, -19.6176

# Complementary

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



44.2120, 15.1785, -15.0949



57.7880, -15.1785, 15.0949

# 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.



42.9210, -10.3141, -5.1927



44.2120, 15.1785, -15.0949



45.7820, -12.7105, 16.8542

# Square

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



44.2120, 15.1785, -15.0949



46.8010, -1.3809, 22.9765



44.7870, -13.6990, 7.2028



37.2840, 5.7760, -32.6981



# Rectangle

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



44.2120, 15.1785, -15.0949



48.0260, 7.3822, 12.2552



44.7870, -13.6990, 7.2028



41.4190, -5.6296, -14.3995

# Sweetspot

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



44.2120, 15.1785, -15.0949



84.8620, 5.9840, -6.0180



58.3680, -1.6604, -27.5097



41.1890, 3.3578, -3.6738



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000



# Same Dimension

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



44.2120, 15.1785, -15.0949



48.7470, 23.7887, -23.4571



33.3690, 20.5241, -2.9546



35.6300, 1.1684, -1.4295



36.8690, 32.1096, -32.3341



82.5720, 72.6820, -72.4156



# Inverse Universe

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



43.6320, 1.6604, 27.5097



47.9590, 2.4852, 43.0090



68.3320, -20.3767, 2.3398



35.4240, 0.2840, 2.2592



35.2860, 3.3100, 58.5082

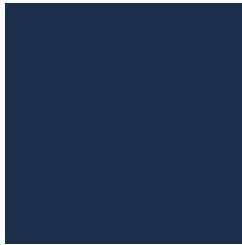


79.7140, 8.0290, 131.8008



# Previews

## White Background



This preview shows how the YUV color 44.2120, 15.1785, -15.0949 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

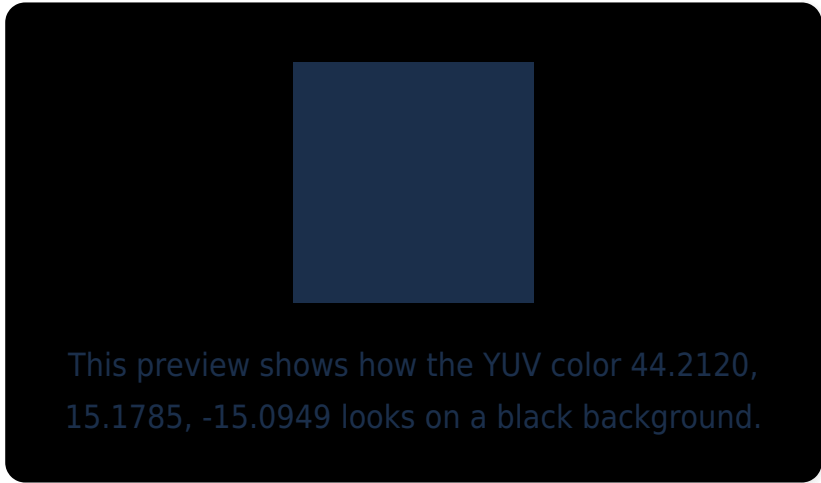
Any Text WCAG AA ✓ Pass

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 44.2120, 15.1785, -15.0949

## Background



This preview shows how black text looks on a background with the YUV color 44.2120, 15.1785, -15.0949.



This preview shows how white text looks on a background with the YUV color 44.2120, 15.1785,

-15.0949.

# 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

44.2120, 15.1785, -15.0949

### Protanopia

46.2020, 13.7044, -8.9472

### Deuteranopia

44.8100, 14.8837, -13.8654



## Tritanopia

40.9910, 6.9064, -21.9171

# Trichromacy



## Original Color

44.2120, 15.1785, -15.0949

## Protanomaly

45.3050, 14.1466, -10.7915

## Deuteranomaly

44.5110, 15.0311, -14.4801

## Tritanomaly

42.3980, 9.6638, -19.6430

# Monochromacy



## Original Color

44.2120, 15.1785, -15.0949

## Achromatopsia

44.0000, 0.0000, 0.0000

## Achromatomaly

44.0470, 5.3998, -5.3032

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 44.2120, 15.1785, -15.0949 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(27, 47, 75)` looks like.

```
.text, #text, p{  
    color:rgb(27, 47, 75)  
}
```

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(27, 47, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 47, 75) }
```

## Border

The CSS property to change the border of an element to YUV 44.2120, 15.1785, -15.0949 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(27, 47, 75) }
```



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

```
.border{ border-color:rgb(27, 47, 75) }
```

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

Here you see how a box with a 4 pixel rgb(27, 47, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 47, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 47, 75);  
box-shadow:4px 4px 4px 4px rgb(27, 47, 75)  
}
```

# Background

The CSS property to change the background color of an element to YUV 44.2120, 15.1785, -15.0949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 47, 75) }
```

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

```
.background{ background-color: rgb(27, 47,  
75) }
```

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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