

# Converting Colors

YUV(62.1170, 19.1693,  
-35.1826)

Have a look what the booklet for  
YUV(62.1170, 19.1693, -35.1826)  
contains.

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# Color

**YUV(62.1170, 19.1693,  
-35.1826)**

# Conversions

## Conversions Part 1

Format	Color
Hex	164B65
RGB	22, 75, 101
RGB Percent	9%, 29%, 40%
CMY	0.9137, 0.7059, 0.6039
CMYK	0.78, 0.26, 0.00, 0.60
HSL	200°, 64%, 24%
HSV	200°, 78%, 40%
XYZ	5.1959, 6.1423, 13.2236
YIQ	62.1170, -39.9340, -3.1500

# Conversions

## Conversions Part 2

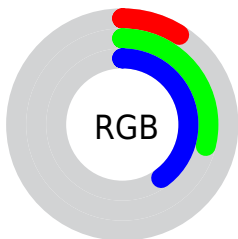
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	22, 54, 101
Decimal	1461093
CIE <sub>Lab</sub>	29.77, -7.52, -20.13
CIE <sub>LCh</sub>	30, 21.489, 249.528
Yxy	6.1423, 0.2115, 0.2501
Android (android.graphics.Color)	4279651173 (0xFF164B65)
YUV	62.1170, 19.1693, -35.1826
Hunter-Lab	24.7837, -5.9488, -14.2863

# Details

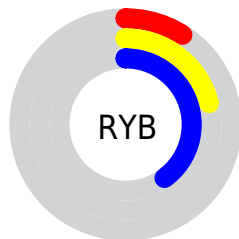
The YUV color **62.1170, 19.1693, -35.1826** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **60.8830, -19.1693, 35.1826**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.4380, 19.0111, -31.0791**, and **24.3530, 14.6160, -21.3576** is the 20% darker color. If you saturate the color by 10%, you get **57.3660, 21.5116, -39.7860**, and if you desaturate by 10%, it is **66.8680, 16.8271, -30.5792**.

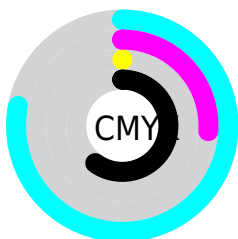
# Distribution



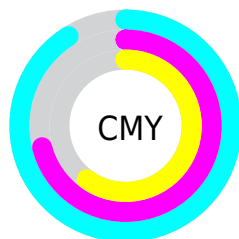
- Red (9%)
- Green (29%)
- Blue (40%)



- Red (9%)
- Yellow (21%)
- Blue (40%)



- Cyan (78%)
- Magenta (26%)
- Yellow (0%)
- Black (60%)



- Cyan (91%)
- Magenta (71%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 62.1170, 19.1693, -35.1826 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 62.1170, 19.1693, -35.1826 by changing the saturation by 10% instead.



■ 62.1170, 19.1693,  
-35.1826

■ 62.1170, 19.1693,  
-35.1826

■ 255.0000, 0.0000,  
0.0000

■ 39.3020, 18.5851,  
-34.4679

■ 113.4380, 19.0111,  
-31.0791

■ 24.3530, 14.6160,  
-21.3576

■ 139.5520, 19.4479,  
-31.1791

■ 4.9360, 13.8356,  
-4.3289

■ 165.9650, 19.7373,  
-30.6643

■ 0.6840, 2.6208,  
-0.5999

■ 193.7800, 20.3215,  
-31.3791

■ 0.0000, 0.0000,  
0.0000

■ 220.8680, 16.8271,  
-30.5792

■ 243.0400, 5.8963,

-24.5911

251.7110, 1.6215,  
-6.7625

62.1170, 19.1693,  
-35.1826

62.1170, 19.1693,  
-35.1826

57.3660, 21.5116,  
-39.7860

66.8680, 16.8271,  
-30.5792

52.0280, 24.1432,  
-43.8746

72.2060, 14.1954,  
-26.4907

51.4300, 24.4380,  
-45.1041

76.9570, 11.8532,  
-21.8873

81.7080, 9.5110,  
-17.2839

87.3450, 6.7319,  
-12.5806

■ 92.0960, 4.3897,  
-7.9772

■ 96.8470, 2.0474,  
-3.3738

■ 102.1850, -0.5842,  
0.7148

■ 106.9360, -2.9264,  
5.3181

# Harmonies

## Analogous

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



56.1600, 17.1761, -49.2523



62.1170, 19.1693, -35.1826



68.9780, 16.7728, -13.1357

# Triad

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



62.1170, 19.1693, -35.1826



71.3670, -3.1389, 26.8651



66.3830, -11.0348, -7.3519

# Complementary

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



62.1170, 19.1693, -35.1826



60.8830, -19.1693, 35.1826

# 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.



68.6190, -15.5882, 6.4731



62.1170, 19.1693, -35.1826



70.8200, -10.2643, 25.5909

# Square

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



62.1170, 19.1693, -35.1826



72.3860, 4.7397, 19.8325



69.8100, -15.1893, 18.5836



63.1620, -2.5449, -23.8211



# Rectangle

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



62.1170, 19.1693, -35.1826



71.2570, 13.6773, -0.2254



69.8100, -15.1893, 18.5836



67.1340, -13.3771, -2.7485

# Sweetspot

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



62.1170, 19.1693, -35.1826



115.1600, 7.3161, -13.2953



71.2230, -11.9419, -43.1686



57.0960, 4.3897, -7.9772



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000



# Same Dimension

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



62.1170, 19.1693, -35.1826



70.0420, 29.5593, -54.4108



39.2240, 30.4556, -15.1054



48.3310, 1.3158, -2.0443



58.3090, 27.9487, -51.1370



123.2690, 58.5344, -108.1069



# Inverse Universe

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



51.6630, 11.5051, 43.2685



53.8260, 17.8338, 66.8046



83.7760, -30.4556, 15.1054



47.8370, 0.5734, 2.7740



43.1630, 16.6816, 63.0010



90.9400, 35.5256, 132.4796



# Previews

## White Background



This preview shows how the YUV color 62.1170, 19.1693, -35.1826 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 62.1170, 19.1693, -35.1826 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

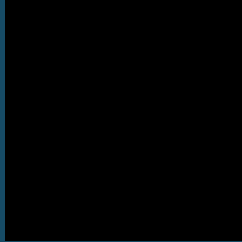
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 62.1170, 19.1693, -35.1826

## Background



This preview shows how black text looks on a background with the YUV color 62.1170, 19.1693, -35.1826.



This preview shows how white text looks on a background with the YUV color 62.1170, 19.1693,



# 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

62.1170, 19.1693, -35.1826

### Protanopia

69.9850, 12.8254, -7.0028

### Deuteranopia

69.7610, 15.8938, -11.1914



## Tritanopia

55.3620, 14.1185, -48.5525

# Trichromacy



## Original Color

62.1170, 19.1693, -35.1826

## Protanomaly

66.9020, 15.3313, -17.4541

## Deuteranomaly

67.0480, 17.2313, -20.2131

## Tritanomaly

57.8510, 15.8495, -43.7193

# Monochromacy



## Original Color

62.1170, 19.1693, -35.1826

## Achromatopsia

62.0000, 0.0000, 0.0000

## Achromatomaly

62.0460, 6.8793, -13.1953

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 62.1170, 19.1693, -35.1826 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(22, 75, 101)` looks like.

```
.text, #text, p{  
    color:rgb(22, 75, 101)  
}
```

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(22, 75, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 75, 101) }
```

## Border

The CSS property to change the border of an element to YUV 62.1170, 19.1693, -35.1826 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(22, 75, 101) }
```



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

```
.border{ border-color:rgb(22, 75, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(22, 75, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 75, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 75, 101);  
box-shadow:4px 4px 4px 4px rgb(22, 75,  
101) }
```

# Background

The CSS property to change the background color of an element to YUV 62.1170, 19.1693, -35.1826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 75, 101) }
```

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

```
.background{ background-color: rgb(22, 75,  
101) }
```

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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