

# Converting Colors

YUV(57.7930, -6.3069, -30.5135)

Have a look what the booklet for  
YUV(57.7930, -6.3069, -30.5135)  
contains.

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# Color

**YUV(57.7930, -6.3069,  
-30.5135)**

# Conversions

## Conversions Part 1

Format	Color
Hex	174E2D
RGB	23, 78, 45
RGB Percent	9%, 31%, 18%
CMY	0.9098, 0.6941, 0.8235
CMYK	0.71, 0.00, 0.42, 0.69
HSL	144°, 54%, 20%
HSV	144°, 71%, 31%
XYZ	3.5514, 5.8204, 3.4189
YIQ	57.7930, -22.1870, -21.9230

# Conversions

## Conversions Part 2

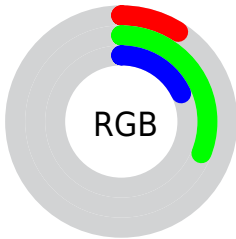
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	23, 62, 78
Decimal	1527341
CIE <sub>Lab</sub>	28.95, -26.61, 14.41
CIE <sub>LCh</sub>	29, 30.265, 151.564
Y <sub>xy</sub>	5.8204, 0.2777, 0.4550
Android (android.graphics.Color)	4279717421 (0xFF174E2D)
YUV	57.7930, -6.3069, -30.5135
Hunter-Lab	24.1255, -15.9435, 8.4857

# Details

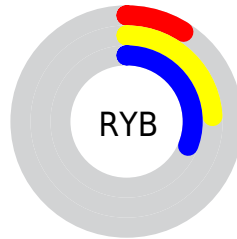
The YUV color **57.7930, -6.3069, -30.5135** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **43.2070, 6.3069, 30.5135**, and the grayscale version is **58.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.6360, -8.2015, -29.4988**, and **19.9580, -9.8393, -17.5032** is the 20% darker color. If you saturate the color by 10%, you get **54.8310, -7.3117, -34.9318**, and if you desaturate by 10%, it is **60.7550, -5.3022, -26.0951**.

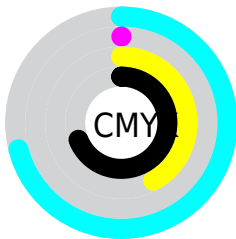
# Distribution



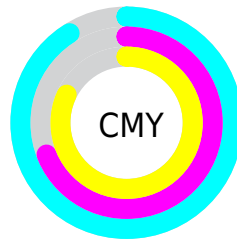
- Red (9%)
- Green (31%)
- Blue (18%)



- Red (9%)
- Yellow (24%)
- Blue (31%)



- Cyan (71%)
- Magenta (0%)
- Yellow (42%)
- Black (69%)



- Cyan (91%)
- Magenta (69%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 57.7930, -6.3069, -30.5135 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 57.7930, -6.3069, -30.5135 by changing the saturation by 10% instead.



■ 57.7930, -6.3069,  
-30.5135

■ 57.7930, -6.3069,  
-30.5135

255.0000, 0.0000,  
0.0000

■ 35.0210, -5.4334,  
-30.7134

■ 107.6360, -8.2015,  
-29.4988

■ 19.9580, -9.8393,  
-17.5032

■ 133.2230, -8.4909,  
-30.0136

■ 0.0000, 0.0000,  
0.0000

■ 159.6960, -9.2171,  
-30.4284

■ 187.2830, -9.5065,  
-30.9432

■ 214.8700, -9.7959,  
-31.4580

■ 237.0000, -6.9020,

-26.3100

■ 248.6780, 1.6377,  
-11.9956

■ 57.7930, -6.3069,  
-30.5135

■ 57.7930, -6.3069,  
-30.5135

■ 54.8310, -7.3117,  
-34.9318

■ 60.7550, -5.3022,  
-26.0951

■ 51.9830, -7.8796,  
-39.4501

■ 63.6030, -4.7343,  
-21.5768

■ 49.3200, -9.0318,  
-43.2536

■ 66.2660, -3.5821,  
-17.7733

■ 69.2280, -2.5774,  
-13.3550

■ 72.0760, -2.0095,  
-8.8367

■ 75.0380, -1.0047,  
-4.4183

■ 78.0000, 0.0000,  
0.0000

■ 80.5490, 0.7153,  
3.9035

■ 83.5110, 1.7201,  
8.3219

# Harmonies

## Analogous

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



63.1460, -18.3130, -6.2670



57.7930, -6.3069, -30.5135



54.8260, 6.9878, -48.0824

# Triad

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



57.7930, -6.3069, -30.5135



60.1800, 27.0263, -35.2379



67.9570, -11.3178, 36.8717

# Complementary

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



57.7930, -6.3069, -30.5135



43.2070, 6.3069, 30.5135

# 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.



68.2310, -0.1139, 36.6314



57.7930, -6.3069, -30.5135



69.9350, 18.7660, 0.9340

# Square

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



57.7930, -6.3069, -30.5135



57.0380, 25.6173, -50.0223



70.2000, 10.2544, 24.3806



67.3120, -19.8738, 27.7904



# Rectangle

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



57.7930, -6.3069, -30.5135



56.6500, 13.9766, -49.6820



70.2000, 10.2544, 24.3806



67.8800, -7.8288, 37.8162

# Sweetspot

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



57.7930, -6.3069, -30.5135



94.2390, -2.5828, -11.6106



65.1520, -20.7809, -8.0263



46.2010, -1.5781, -7.1923



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000



# Same Dimension

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



57.7930, -6.3069, -30.5135



70.0590, -9.8891, -48.2867



60.9850, 5.9234, -33.3128



36.5760, -0.2840, -2.2592



64.5480, -11.6092, -56.6086



145.4980, -26.3745, -127.6017



# Inverse Universe

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



43.2070, 6.3069, 30.5135



46.9410, 9.8891, 48.2867



40.1290, -5.4866, 33.2129



35.5380, 0.7208, 2.1592



37.4520, 11.6092, 56.6086

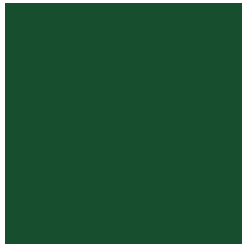


84.5020, 26.3745, 127.6017



# Previews

## White Background



This preview shows how the YUV color 57.7930, -6.3069, -30.5135 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

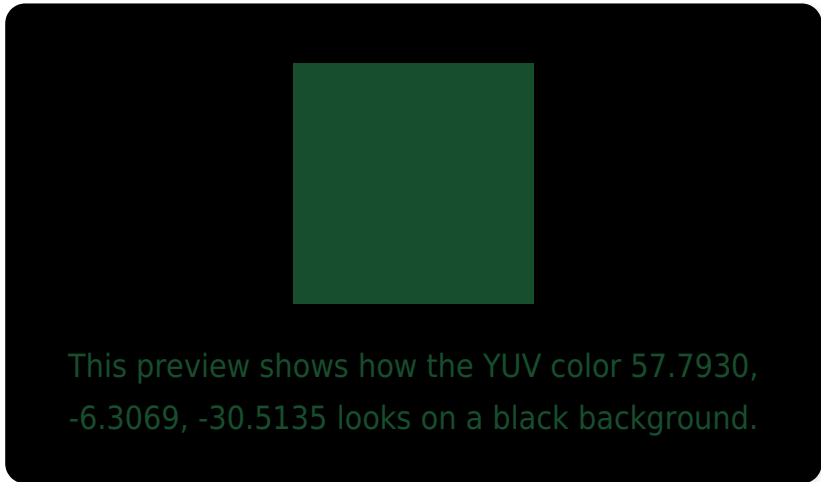
Any Text WCAG AA ✓ Pass

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

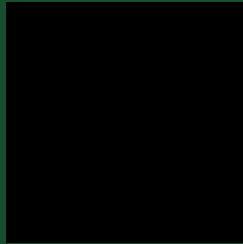
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 57.7930, -6.3069, -30.5135

## Background



This preview shows how black text looks on a background with the YUV color 57.7930, -6.3069, -30.5135.



This preview shows how white text looks on a background with the YUV color 57.7930, -6.3069,



# 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

57.7930, -6.3069, -30.5135

### Protanopia

66.7160, -12.6780, 6.3881

### Deuteranopia

67.8460, -9.7841, 11.5361



## Tritanopia

63.3220, 8.2223, -23.9614

# Trichromacy



## Original Color

57.7930, -6.3069, -30.5135

## Protanomaly

63.4970, -10.5980, -7.4519

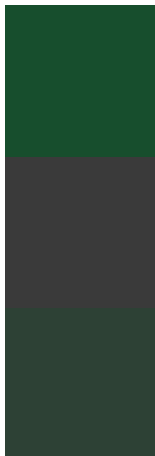
## Deuteranomaly

64.3880, -8.5723, -3.8483

## Tritanomaly

60.9320, 2.9915, -26.2504

# Monochromacy



## Original Color

57.7930, -6.3069, -30.5135

## Achromatopsia

58.0000, 0.0000, 0.0000

## Achromatomaly

57.6520, -2.2934, -11.0958

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 57.7930, -6.3069, -30.5135 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(23, 78, 45)` looks like.

```
.text, #text, p{  
    color:rgb(23, 78, 45)  
}
```

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(23, 78, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 78, 45) }
```

## Border

The CSS property to change the border of an element to YUV 57.7930, -6.3069, -30.5135 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(23, 78, 45) }
```



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

```
.border{ border-color:rgb(23, 78, 45) }
```

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

Here you see how a box with a 4 pixel rgb(23, 78, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 78, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 78, 45);  
box-shadow:4px 4px 4px 4px rgb(23, 78, 45)  
}
```

# Background

The CSS property to change the background color of an element to YUV 57.7930, -6.3069, -30.5135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 78, 45) }
```

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

```
.background{ background-color: rgb(23, 78,  
45) }
```

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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