

# Converting Colors

YUV(63.6790, -20.0547, -7.6115)

Have a look what the booklet for  
YUV(63.6790, -20.0547, -7.6115)  
contains.

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# Color

**YUV(63.6790, -20.0547,  
-7.6115)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	374C17
RGB	55, 76, 23
RGB Percent	22%, 30%, 9%
CMY	0.7843, 0.7020, 0.9098
CMYK	0.28, 0.00, 0.70, 0.70
HSL	84°, 54%, 19%
HSV	84°, 70%, 30%
XYZ	4.3146, 6.0430, 1.7496
YIQ	63.6790, 4.4970, -20.9350

# Conversions

## Conversions Part 2

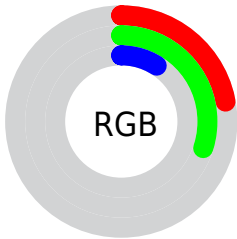
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	23, 76, 44
Decimal	3623959
CIE Lab	29.52, -17.85, 28.01
CIE LCh	30, 33.216, 122.498
Yxy	6.0430, 0.3564, 0.4991
Android (android.graphics.Color)	4281814039 (0xFF374C17)
YUV	63.6790, -20.0547, -7.6115
Hunter-Lab	24.5825, -11.6895, 12.9878

# Details

The YUV color **63.6790, -20.0547, -7.6115** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **35.3210, 20.0547, 7.6115**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.3370, -21.3651, -7.3115**, and **20.8770, -10.2924, -12.1701** is the 20% darker color. If you saturate the color by 10%, you get **61.8700, -23.1069, -8.6560**, and if you desaturate by 10%, it is **65.4880, -17.0026, -6.5670**.

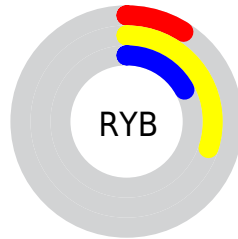
# Distribution



Red (22%)

Green (30%)

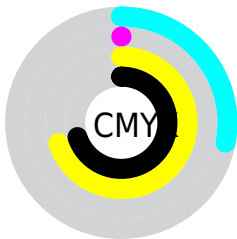
Blue (9%)



Red (9%)

Yellow (30%)

Blue (17%)

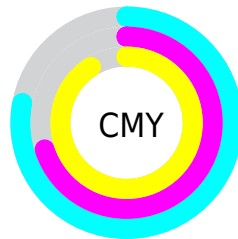


Cyan (28%)

Magenta (0%)

Yellow (70%)

Black (70%)



Cyan (78%)

Magenta (70%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 63.6790, -20.0547, -7.6115 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 63.6790, -20.0547, -7.6115 by changing the saturation by 10% instead.



■ 63.6790, -20.0547,  
-7.6115

■ 63.6790, -20.0547,  
-7.6115

255.0000, 0.0000,  
0.0000

■ 40.9780, -20.2022,  
-6.9967

■ 112.3370,  
-21.3651, -7.3115

■ 20.8770, -10.2924,  
-12.1701

■ 137.8100,  
-22.0913, -7.7264

■ 0.0000, 0.0000,  
0.0000

■ 164.5820,  
-22.9649, -7.5264

■ 191.4680,  
-23.4017, -7.4264

■ 219.3540,  
-23.8385, -7.3265

■ 244.0170,

-22.6864, -3.5229

251.6940,  
-12.6671, 2.8994

63.6790, -20.0547,  
-7.6115

63.6790, -20.0547,  
-7.6115

61.8700, -23.1069,  
-8.6560

65.4880, -17.0026,  
-6.5670

60.1750, -25.7223,  
-9.8005

67.1830, -14.3872,  
-5.4225

58.3660, -28.7744,  
-10.8450

68.9920, -11.3351,  
-4.3780

70.6870, -8.7197,  
-3.2335

72.4960, -5.6675,  
-2.1890

■ 74.3050, -2.6154,  
-1.1445

■ 76.0000, 0.0000,  
0.0000

■ 77.8090, 3.0522,  
1.0445

■ 79.5040, 5.6675,  
2.1890

# Harmonies

## Analogous

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



66.2040, -26.2296, 12.9761



63.6790, -20.0547, -7.6115



56.2760, -5.5591, -37.0761

# Triad

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



63.6790, -20.0547, -7.6115



58.8960, 27.6593, -51.6518



69.4380, -0.7089, 40.8349

# Complementary

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



63.6790, -20.0547, -7.6115



35.3210, 20.0547, 7.6115

# 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.



71.4500, 11.1172, 27.6694



63.6790, -20.0547, -7.6115



59.0480, 30.5423, -43.0151

# Square

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



63.6790, -20.0547, -7.6115



59.1920, 18.6393, -51.9114



71.1030, 20.6552, 1.6637



68.3380, -12.4916, 40.0456



# Rectangle

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



63.6790, -20.0547, -7.6115



55.2020, 3.3514, -48.4122



71.1030, 20.6552, 1.6637



70.1540, 3.3751, 37.5759

# Sweetspot

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



63.6790, -20.0547, -7.6115



94.3280, -7.5567, -2.9187



50.5870, -13.6004, 22.2872



48.0230, -4.9413, -1.7742



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.



63.6790, -20.0547, -7.6115



79.6710, -31.3898, -11.9895



55.9050, -16.2222, -23.5957



37.2450, -1.5998, -0.2149



78.4120, -38.6571, -14.3933



176.5710, -87.0495, -32.9498



# Inverse Universe

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



35.3210, 20.0547, 7.6115



35.3290, 31.3898, 11.9895



43.0950, 16.2222, 23.5957



35.0540, 1.4524, 0.8296



23.5880, 38.6571, 14.3933



53.4290, 87.0495, 32.9498



# Previews

## White Background



This preview shows how the YUV color 63.6790, -20.0547, -7.6115 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

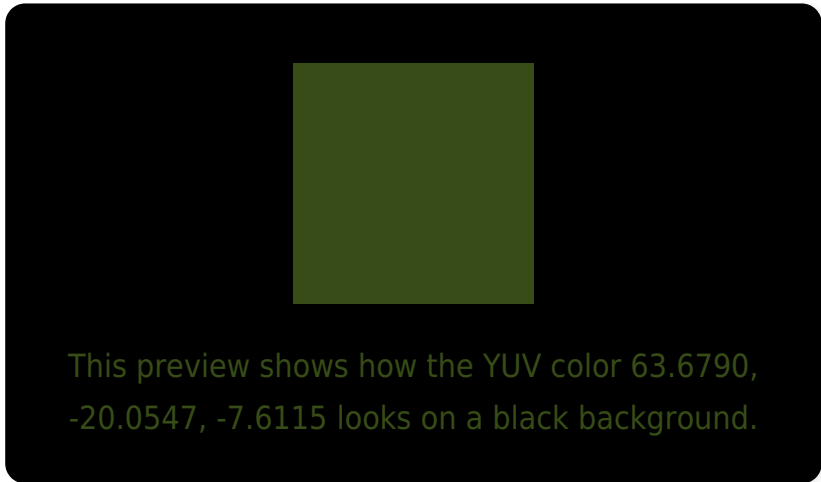
Any Text WCAG AA ✓ Pass

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

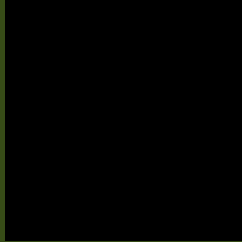
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 63.6790, -20.0547, -7.6115

## Background



This preview shows how black text looks on a background with the YUV color 63.6790, -20.0547, -7.6115.



This preview shows how white text looks on a background with the YUV color 63.6790, -20.0547, -7.6115.

-7.6115.

# 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

63.6790, -20.0547, -7.6115

### Protanopia

66.8060, -22.5824, 9.8171

### Deuteranopia

67.8330, -20.1307, 16.8095



## Tritanopia

68.9930, 3.9475, -6.1329

# Trichromacy



## Original Color

63.6790, -20.0547, -7.6115

## Protanomaly

65.7020, -21.5451, 3.7693

## Deuteranomaly

66.4790, -19.9561, 7.4729

## Tritanomaly

66.9900, -4.9251, -7.0072

# Monochromacy



## Original Color

63.6790, -20.0547, -7.6115

## Achromatopsia

64.0000, 0.0000, 0.0000

## Achromatomaly

63.7410, -7.2673, -2.4039

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 63.6790, -20.0547, -7.6115 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(55, 76, 23)` looks like.

```
.text, #text, p{  
    color:rgb(55, 76, 23)  
}
```

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(55, 76, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 76, 23) }
```

## Border

The CSS property to change the border of an element to YUV 63.6790, -20.0547, -7.6115 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(55, 76, 23) }
```



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

```
.border{ border-color:rgb(55, 76, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 76, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 76, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 76, 23);  
box-shadow:4px 4px 4px 4px rgb(55, 76, 23)  
}
```

# Background

The CSS property to change the background color of an element to YUV 63.6790, -20.0547, -7.6115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 76, 23) }
```

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

```
.background{ background-color: rgb(55, 76,  
23) }
```

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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