

# Converting Colors

YUV(66.0920, -23.2164,  
-20.2517)

Have a look what the booklet for  
YUV(66.0920, -23.2164, -20.2517)  
contains.

|  |    |
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# Color

**YUV(66.0920, -23.2164,  
-20.2517)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 2B5713                     |
| RGB           | 43, 87, 19                 |
| RGB Percent   | 17%, 34%, 7%               |
| CMY           | 0.8314, 0.6588, 0.9255     |
| CMYK          | 0.51, 0.00, 0.78, 0.66     |
| HSL           | 99°, 64%, 21%              |
| HSV           | 99°, 78%, 34%              |
| XYZ           | 4.5220, 7.3770, 1.8017     |
| YIQ           | 66.0920, -4.3960, -30.4760 |

# Conversions

## Conversions Part 2

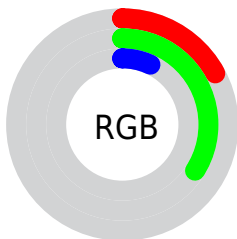
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 19, 87, 63                     |
| Decimal                             | 2840339                        |
| CIE <sub>Lab</sub>                  | 32.65, -28.52, 32.92           |
| CIE <sub>LCh</sub>                  | 33, 43.554, 130.911            |
| Y <sub>xy</sub>                     | 7.3770, 0.3301,<br>0.5384      |
| Android<br>(android.graphics.Color) | 4281030419<br>(0xFF2B5713)     |
| YUV                                 | 66.0920, -23.2164,<br>-20.2517 |
| Hunter-Lab                          | 27.1606, -17.8125,<br>15.0795  |

# Details

The YUV color **66.0920, -23.2164, -20.2517** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **39.9080, 23.2164, 20.2517**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.8640, -24.0900, -20.0517**, and **24.0670, -11.8650, -21.1068** is the 20% darker color. If you saturate the color by 10%, you get **63.2720, -26.2631, -23.0405**, and if you desaturate by 10%, it is **68.9120, -20.1696, -17.4628**.

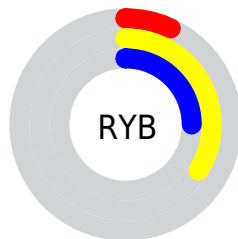
# Distribution



Red (17%)

Green (34%)

Blue (7%)



Red (7%)

Yellow (34%)

Blue (25%)

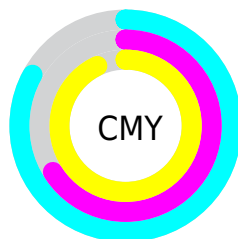


Cyan (51%)

Magenta (0%)

Yellow (78%)

Black (66%)



Cyan (83%)

Magenta (66%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 66.0920, -23.2164, -20.2517 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 66.0920, -23.2164, -20.2517 by changing the saturation by 10% instead.



66.0920, -23.2164,  
-20.2517

66.0920, -23.2164,  
-20.2517

254.8860, -0.4368,  
0.1000

42.3630, -20.8850,  
-21.3664

115.8640,  
-24.0900, -20.0517

24.0670, -11.8650,  
-21.1068

142.2230,  
-25.2529, -20.3666

9.9790, -4.9196,  
-8.7516

168.9950,  
-26.1265, -20.1666


0.0000, 0.0000,  
0.0000


196.4680,  
-26.8527, -20.5814


224.9410,  
-27.5789, -20.9963


240.6140,


-21.5017, -10.1855


 251.5800,  
-13.1039, 2.9993


 66.0920, -23.2164,  
-20.2517


 66.0920, -23.2164,  
-20.2517


 63.2720, -26.2631,  
-23.0405


 68.9120, -20.1696,  
-17.4628


 60.8650, -29.0204,  
-25.3146

 71.3190, -17.4123,  
-15.1888

 60.3380, -29.7466,  
-25.7294

 74.1390, -14.3655,  
-12.3999

 76.9590, -11.3188,  
-9.6110

 79.4800, -8.1246,  
-7.4370

■ 82.1860, -5.5147,  
-4.5481

■ 84.7070, -2.3206,  
-2.3740

■ 87.5270, 0.7262,  
0.4148

■ 90.2330, 3.3361,  
3.3037

# Harmonies

## Analogous

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



70.8910, -34.9493, 9.7426



66.0920, -23.2164, -20.2517



59.4590, -3.1843, -52.1455

# Triad

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



66.0920, -23.2164, -20.2517



67.2570, 36.8483, -58.9844



72.8530, -3.3785, 57.1339

# Complementary

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



66.0920, -23.2164, -20.2517



39.9080, 23.2164, 20.2517

# 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.



76.3750, 11.6471, 44.3981



66.0920, -23.2164, -20.2517



65.3170, 39.2837, -46.7590

# Square

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



66.0920, -23.2164, -20.2517



67.2110, 26.5180, -58.9440



79.2060, 24.5484, 12.9743



73.4550, -19.9443, 50.4670



# Rectangle

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



66.0920, -23.2164, -20.2517



62.7820, 7.0095, -55.0598



79.2060, 24.5484, 12.9743



73.5090, 1.7211, 54.8046

# Sweetspot

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



66.0920, -23.2164, -20.2517



104.2520, -8.9982, -7.2370



64.5730, -22.4675, 19.6685



51.1860, -5.5147, -4.5481



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000



# Same Dimension

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



66.0920, -23.2164, -20.2517



79.6980, -35.8401, -31.3071



59.9420, -15.7474, -35.9061



41.9460, -1.4524, -0.8296



74.1710, -36.5663, -31.7220



162.7620, -80.2417, -69.9513



# Inverse Universe

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



39.9080, 23.2164, 20.2517



39.3020, 35.8401, 31.3071



46.0580, 15.7474, 35.9061



40.3530, 1.3050, 1.4444



32.8290, 36.5663, 31.7220

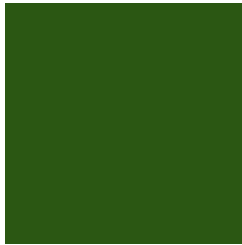


72.2380, 80.2417, 69.9513



# Previews

## White Background



This preview shows how the YUV color 66.0920, -23.2164, -20.2517 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

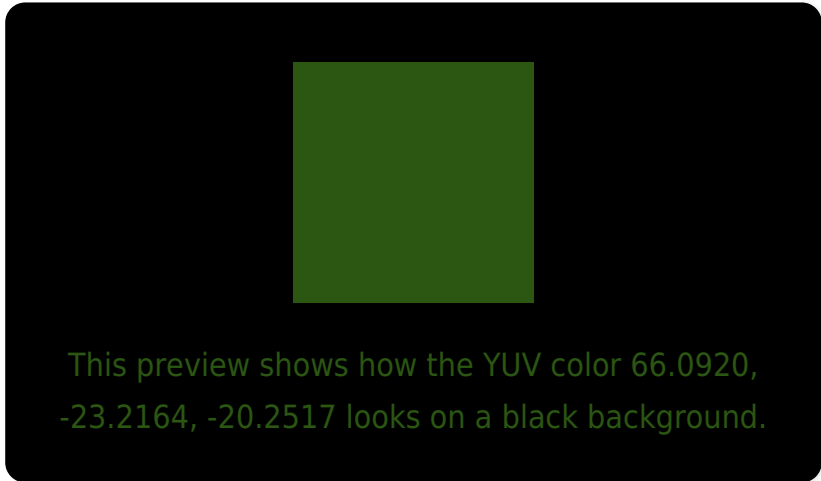
Any Text WCAG AA ✓ Pass

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

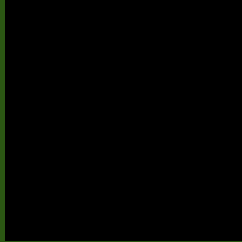
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 66.0920, -23.2164, -20.2517

## Background



This preview shows how black text looks on a background with the YUV color 66.0920, -23.2164, -20.2517.



This preview shows how white text looks on a background with the YUV color 66.0920, -23.2164,



# 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

66.0920, -23.2164, -20.2517

### Protanopia

72.7370, -27.9713, 11.6317

### Deuteranopia

74.4050, -24.3567, 18.9388



## Tritanopia

73.7250, 7.0376, -17.2988

# Trichromacy



## Original Color

66.0920, -23.2164, -20.2517

## Protanomaly

70.4150, -26.3336, -0.3640

## Deuteranomaly

71.4310, -23.8765, 4.8840

## Tritanomaly

70.8530, -3.8715, -18.2881

# Monochromacy



## Original Color

66.0920, -23.2164, -20.2517

## Achromatopsia

66.0000, 0.0000, 0.0000

## Achromatomaly

66.3660, -8.5614, -7.3370

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 66.0920, -23.2164, -20.2517 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(43, 87, 19)` looks like.

```
.text, #text, p{  
    color:rgb(43, 87, 19)  
}
```

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(43, 87, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 87, 19) }
```

## Border

The CSS property to change the border of an element to YUV 66.0920, -23.2164, -20.2517 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(43, 87, 19) }
```



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

```
.border{ border-color:rgb(43, 87, 19) }
```

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

Here you see how a box with a 4 pixel rgb(43, 87, 19) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 87, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 87, 19);  
box-shadow:4px 4px 4px 4px rgb(43, 87, 19)  
}
```

# Background

The CSS property to change the background color of an element to YUV 66.0920, -23.2164, -20.2517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 87, 19) }
```

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

```
.background{ background-color: rgb(43, 87,  
19) }
```

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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