

Converting Colors

YUV(63.6500, -12.6454, -4.0780)

Have a look what the booklet for
YUV(63.6500, -12.6454, -4.0780)
contains.

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Color

**YUV(63.6500, -12.6454,
-4.0780)**

Conversions

Conversions Part 1

Format	Color
Hex	3B4726
RGB	59, 71, 38
RGB Percent	23%, 28%, 15%
CMY	0.7686, 0.7216, 0.8510
CMYK	0.17, 0.00, 0.46, 0.72
HSL	82°, 30%, 21%
HSV	82°, 46%, 28%
XYZ	4.4067, 5.5762, 2.6778
YIQ	63.6500, 3.4410, -12.8070

Conversions

Conversions Part 2

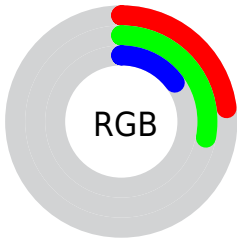
Format	Color
R_{YB}	38, 71, 50
Decimal	3884838
CIE _{Lab}	28.32, -11.40, 18.25
CIE _{LCh}	28, 21.515, 121.992
Yxy	5.5762, 0.3481, 0.4404
Android (android.graphics.Color)	4282074918 (0xFF3B4726)
YUV	63.6500, -12.6454, -4.0780
Hunter-Lab	23.6140, -8.0138, 9.8065

Details

The YUV color **63.6500, -12.6454, -4.0780** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **45.3500, 12.6454, 4.0780**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.4220, -13.5190, -3.8781**, and **21.2200, -10.4615, -4.5779** is the 20% darker color. If you saturate the color by 10%, you get **61.9550, -15.2608, -5.2225**, and if you desaturate by 10%, it is **65.3450, -10.0301, -2.9336**.

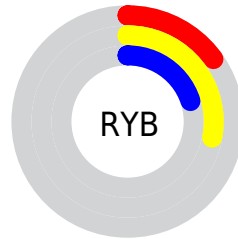
Distribution



Red (23%)

Green (28%)

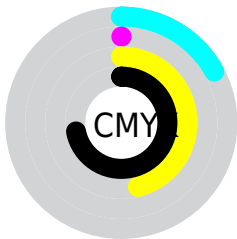
Blue (15%)



Red (15%)

Yellow (28%)

Blue (20%)

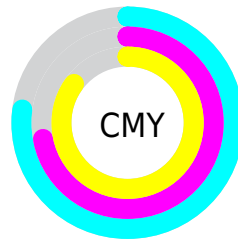


Cyan (17%)

Magenta (0%)

Yellow (46%)

Black (72%)



Cyan (77%)

Magenta (72%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.6500, -12.6454, -4.0780 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 63.6500, -12.6454, -4.0780 by changing the saturation by 10% instead.

■ 63.6500, -12.6454,
-4.0780

■ 63.6500, -12.6454,
-4.0780

255.0000, 0.0000,
0.0000

■ 41.7640, -12.2087,
-4.1780

■ 111.4220,
-13.5190, -3.8781

■ 21.2200, -10.4615,
-4.5779

■ 136.8950,
-14.2452, -4.2929

■ 0.0000, 0.0000,
0.0000

■ 163.6670,
-15.1188, -4.0930

■ 190.6670,
-15.1188, -4.0930

■ 218.5530,
-15.5556, -3.9930

■ 246.4390,

-15.9924, -3.8930

253.6320, -5.2416,
1.1997

63.6500, -12.6454,
-4.0780

63.6500, -12.6454,
-4.0780

61.9550, -15.2608,
-5.2225

65.3450, -10.0301,
-2.9336

60.5590, -18.0236,
-5.7522

66.7410, -7.2673,
-2.4039

58.8640, -20.6390,
-6.8967

68.4360, -4.6519,
-1.2594

57.4680, -23.4017,
-7.4264

69.8320, -1.8892,
-0.7297

55.6590, -26.4539,
-8.4709

71.6410, 1.1630,
0.3148

■ 55.1320, -27.1801,
-8.8858

■ 73.0370, 3.9258,
0.8446

■ 74.7320, 6.5411,
1.9890

■ 76.4270, 9.1565,
3.1335

■ 77.8230, 11.9193,
3.6632

Harmonies

Analogous

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



65.2280, -15.8884, 9.4470



63.6500, -12.6454, -4.0780



60.9130, -4.8871, -19.2177

Triad

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



63.6500, -12.6454, -4.0780



54.9910, 20.2174, -44.7191



68.5240, -1.2443, 25.8505

Complementary

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



63.6500, -12.6454, -4.0780



45.3500, 12.6454, 4.0780

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.



68.6460, 7.0765, 16.9735



63.6500, -12.6454, -4.0780



64.1730, 17.6627, -18.5687

Square

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



63.6500, -12.6454, -4.0780



53.6010, 14.9867, -47.0081



68.1540, 13.2351, 1.6189



67.2870, -8.5225, 26.9353

Rectangle

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



63.6500, -12.6454, -4.0780



57.6710, 2.1342, -31.2835



68.1540, 13.2351, 1.6189



68.6100, 1.6713, 24.0210

Sweetspot

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



63.6500, -12.6454, -4.0780



89.0230, -4.9413, -1.7742



54.9110, -8.3371, 14.1101



44.1910, -3.0522, -1.0445



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



63.6500, -12.6454, -4.0780



80.3910, -19.9128, -6.4819



58.8660, -10.2869, -13.9145



34.9460, -1.4524, -0.8296



76.9500, -37.9364, -12.2342



176.3050, -86.9184, -28.3315

Inverse Universe

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



45.3500, 12.6454, 4.0780



51.6090, 19.9128, 6.4819



50.1340, 10.2869, 13.9145



32.7550, 1.5998, 0.2149



22.0500, 37.9364, 12.2342



50.6950, 86.9184, 28.3315

Previews

White Background



This preview shows how the YUV color 63.6500, -12.6454, -4.0780 looks on a white background.

Color Contrast Check

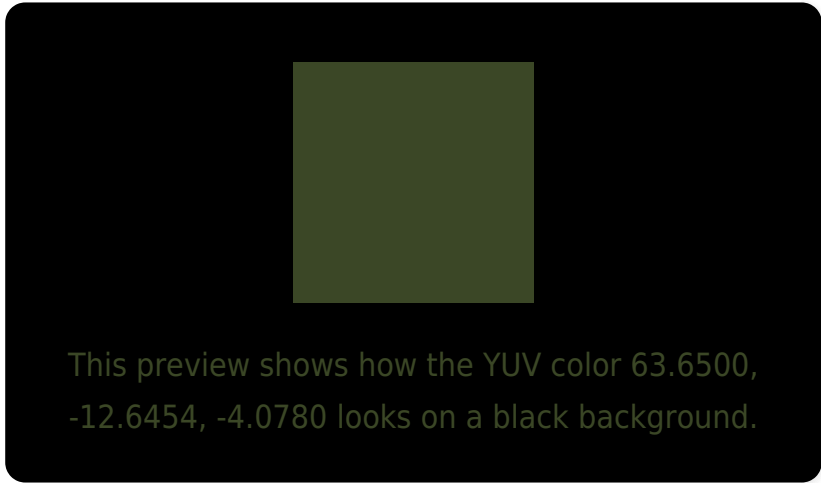
Large Text (above 18pt) WCAG AA ✓ Pass

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

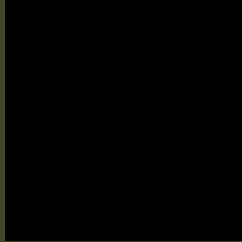
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.6500, -12.6454, -4.0780

Background



This preview shows how black text looks on a background with the YUV color 63.6500, -12.6454, -4.0780.



This preview shows how white text looks on a background with the YUV color 63.6500, -12.6454,

-4.0780.

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

63.6500, -12.6454, -4.0780

Protanopia

65.3740, -13.9884, 6.6880

Deuteranopia

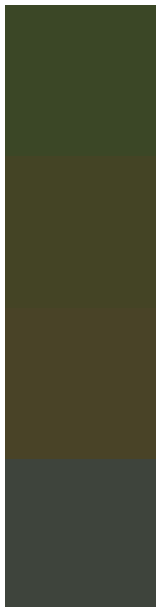
66.3470, -12.9891, 12.8507



Tritanopia

66.6730, 2.6262, -2.3442

Trichromacy



Original Color

63.6500, -12.6454, -4.0780

Protanomaly

64.4660, -13.5407, 3.0993

Deuteranomaly

65.6020, -13.1148, 6.4880

Tritanomaly

65.2940, -2.6099, -2.8888

Monochromacy



Original Color

63.6500, -12.6454, -4.0780

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

64.1370, -4.5045, -1.8741

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.6500, -12.6454, -4.0780 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(59, 71, 38)` looks like.

```
.text, #text, p{  
    color:rgb(59, 71, 38)  
}
```

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(59, 71, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 71, 38) }
```

Border

The CSS property to change the border of an element to YUV 63.6500, -12.6454, -4.0780 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(59, 71, 38) }
```


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

```
.border{ border-color:rgb(59, 71, 38) }
```

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

Here you see how a box with a 4 pixel rgb(59, 71, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 71, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 71, 38);  
box-shadow:4px 4px 4px 4px rgb(59, 71, 38)  
}
```

Background

The CSS property to change the background color of an element to YUV 63.6500, -12.6454, -4.0780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 71, 38) }
```

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

```
.background{ background-color: rgb(59, 71,  
38) }
```

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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