

Converting Colors

YUV(64.0100, -15.2879, 3.4992)

Have a look what the booklet for
YUV(64.0100, -15.2879, 3.4992)
contains.

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Color

**YUV(64.0100, -15.2879,
3.4992)**

Conversions

Conversions Part 1

Format	Color
Hex	444421
RGB	68, 68, 33
RGB Percent	27%, 27%, 13%
CMY	0.7333, 0.7333, 0.8706
CMYK	0.00, 0.00, 0.51, 0.73
HSL	60°, 35%, 20%
HSV	60°, 51%, 27%
XYZ	4.7255, 5.4730, 2.2462
YIQ	64.0100, 11.2350, -10.8850

Conversions

Conversions Part 2

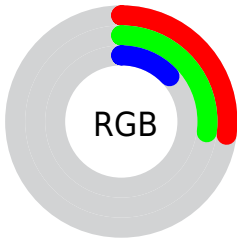
Format	Color
R_{YB}	33, 68, 33
Decimal	4473889
CIE Lab	28.04, -5.98, 21.08
CIE LCh	28, 21.915, 105.840
Yxy	5.4730, 0.3797, 0.4398
Android (android.graphics.Color)	4282663969 (0xFF444421)
YUV	64.0100, -15.2879, 3.4992
Hunter-Lab	23.3944, -4.8843, 10.6835

Details

The YUV color **64.0100, -15.2879, 3.4992** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **36.9900, 15.2879, -3.4992**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.9670, -16.7457, 4.4139**, and **21.8510, -10.7725, 1.8847** is the 20% darker color. If you saturate the color by 10%, you get **63.2120, -18.3455, 4.1991**, and if you desaturate by 10%, it is **64.8080, -12.2303, 2.7994**.

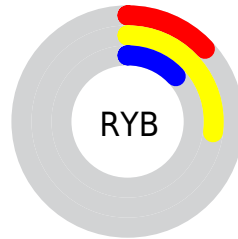
Distribution



Red (27%)

Green (27%)

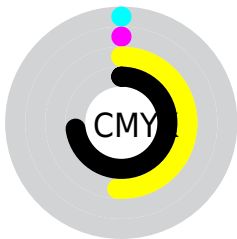
Blue (13%)



Red (13%)

Yellow (27%)

Blue (13%)

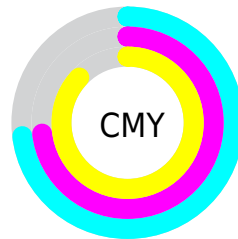


Cyan (0%)

Magenta (0%)

Yellow (51%)

Black (73%)



Cyan (73%)

Magenta (73%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.0100, -15.2879, 3.4992 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 64.0100, -15.2879, 3.4992 by changing the saturation by 10% instead.

■ 64.0100, -15.2879,
3.4992

■ 64.0100, -15.2879,
3.4992

■ 255.0000, 0.0000,
0.0000

■ 41.7110, -15.1405,
2.8845

■ 111.9670,
-16.7457, 4.4139

■ 21.8510, -10.7725,
1.8847

■ 137.1520,
-17.3299, 5.1287

■ 0.0000, 0.0000,
0.0000

■ 164.0380,
-17.7667, 5.2287

■ 190.9240,
-18.2035, 5.3287

■ 218.8100,
-18.6403, 5.4286

■ 247.5820,

-19.5139, 5.6286

252.9480, -7.8624,
1.7996

64.0100, -15.2879,
3.4992

64.0100, -15.2879,
3.4992

63.2120, -18.3455,
4.1991

64.8080, -12.2303,
2.7994

62.4140, -21.4031,
4.8989

65.6060, -9.1728,
2.0995

61.7300, -24.0239,
5.4988

66.2900, -6.5520,
1.4997

60.9320, -27.0815,
6.1986

67.0880, -3.4944,
0.7998

60.2480, -29.7023,
6.7985

67.8860, -0.4368,
0.1000

■ 68.6840, 2.6208,
-0.5999

■ 69.4820, 5.6784,
-1.2997

■ 70.1660, 8.2992,
-1.8996

■ 70.9640, 11.3567,
-2.5994

Harmonies

Analogous

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



65.2720, -15.9101, 16.4245



64.0100, -15.2879, 3.4992



61.7030, -9.7136, -11.1405

Triad

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



64.0100, -15.2879, 3.4992



53.6980, 17.8969, -47.0931



68.3540, 3.2765, 22.4915

Complementary

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



64.0100, -15.2879, 3.4992



36.9900, 15.2879, -3.4992

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.



67.9270, 10.8820, 9.7110



64.0100, -15.2879, 3.4992



58.9540, 19.7427, -32.4087

Square

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



64.0100, -15.2879, 3.4992



52.5750, 11.0555, -46.1083



66.0710, 15.7410, -8.8323



67.3240, -4.5967, 27.7799

Rectangle

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



64.0100, -15.2879, 3.4992



59.5320, -3.7133, -22.3916



66.0710, 15.7410, -8.8323



68.3150, 5.7607, 19.0177

Sweetspot

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



64.0100, -15.2879, 3.4992



87.5180, -5.6784, 1.2997



43.4650, -5.1592, 21.5172



45.0880, -3.4944, 0.7998



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.



64.0100, -15.2879, 3.4992



82.7300, -24.0239, 5.4988



58.9270, -12.7820, -6.9520



32.6580, -1.3104, 0.2999



85.9420, -42.3694, 9.6979



198.4640, -97.8428, 22.3951

Inverse Universe

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



36.9900, 15.2879, -3.4992



40.2700, 24.0239, -5.4988



42.3720, 12.6346, 7.5668



30.3420, 1.3104, -0.2999



11.0580, 42.3694, -9.6979



25.5360, 97.8428, -22.3951

Previews

White Background



This preview shows how the YUV color 64.0100, -15.2879, 3.4992 looks on a white background.

Color Contrast Check

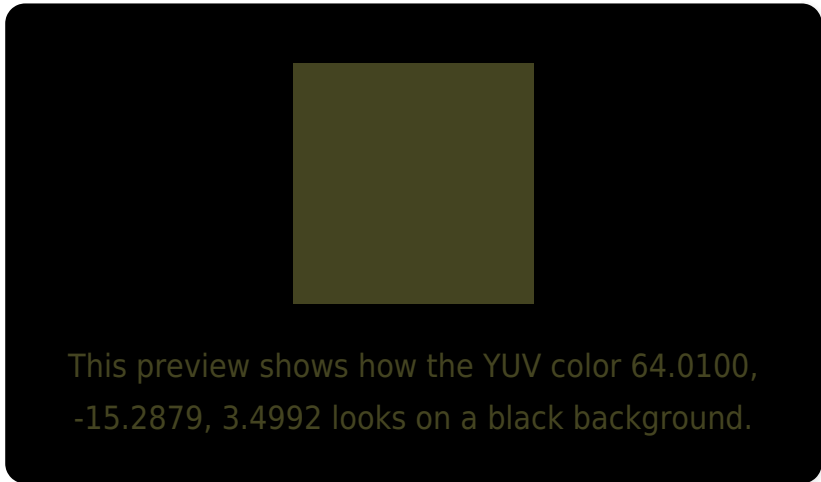
Large Text (above 18pt) WCAG AA ✓ Pass

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

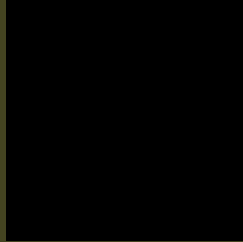
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 64.0100, -15.2879, 3.4992

Background



This preview shows how black text looks on a background with the YUV color 64.0100, -15.2879, 3.4992.



This preview shows how white text looks on a background with the YUV color 64.0100, -15.2879,

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

64.0100, -15.2879, 3.4992

Protanopia

64.2170, -15.8830, 7.7027

Deuteranopia

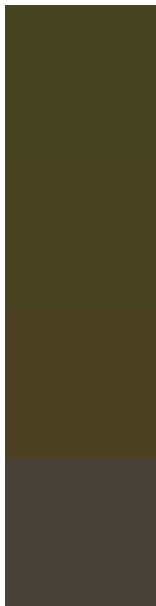
65.0760, -15.3205, 13.9653



Tritanopia

66.9620, 1.0047, 4.4183

Trichromacy



Original Color

64.0100, -15.2879, 3.4992

Protanomaly

64.2060, -15.8776, 5.9583

Deuteranomaly

64.7550, -15.1622, 9.8619

Tritanomaly

65.7680, -4.8156, 4.5885

Monochromacy



Original Color

64.0100, -15.2879, 3.4992

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

63.6320, -5.2416, 1.1997

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.0100, -15.2879, 3.4992 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(68, 68, 33)` looks like.

```
.text, #text, p{  
    color:rgb(68, 68, 33)  
}
```

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(68, 68, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 68, 33) }
```

Border

The CSS property to change the border of an element to YUV 64.0100, -15.2879, 3.4992 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(68, 68, 33) }
```


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

```
.border{ border-color:rgb(68, 68, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 68, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 68, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 68, 33);  
box-shadow:4px 4px 4px 4px rgb(68, 68, 33)  
}
```

Background

The CSS property to change the background color of an element to YUV 64.0100, -15.2879, 3.4992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 68, 33) }
```

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

```
.background{ background-color: rgb(68, 68,  
33) }
```

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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