

Converting Colors

YUV(58.0100, -15.2879, 3.4992)

Have a look what the booklet for
YUV(58.0100, -15.2879, 3.4992)
contains.

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Color

**YUV(58.0100, -15.2879,
3.4992)**

Conversions

Conversions Part 1

Format	Color
Hex	3E3E1B
RGB	62, 62, 27
RGB Percent	24%, 24%, 11%
CMY	0.7569, 0.7569, 0.8941
CMYK	0.00, 0.00, 0.56, 0.76
HSL	60°, 39%, 17%
HSV	60°, 56%, 24%
XYZ	3.9071, 4.5485, 1.7089
YIQ	58.0100, 11.2350, -10.8850

Conversions

Conversions Part 2

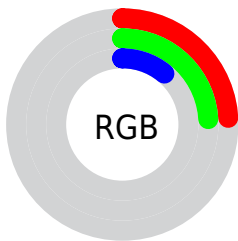
Format	Color
R_{YB}	27, 62, 27
Decimal	4079131
CIE _{Lab}	25.41, -5.92, 21.32
CIE _{LCh}	25, 22.125, 105.523
Y _{xy}	4.5485, 0.3844, 0.4475
Android (android.graphics.Color)	4282269211 (0xFF3E3E1B)
YUV	58.0100, -15.2879, 3.4992
Hunter-Lab	21.3272, -4.6222, 10.1782

Details

The YUV color **58.0100, -15.2879, 3.4992** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **30.9900, 15.2879, -3.4992**, and the grayscale version is **58.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **105.3800, -16.4563, 4.9287**, and **15.9260, -7.8515, -1.6891** is the 20% darker color. If you saturate the color by 10%, you get **57.3260, -17.9087, 4.0991**, and if you desaturate by 10%, it is **58.6940, -12.6671, 2.8994**.

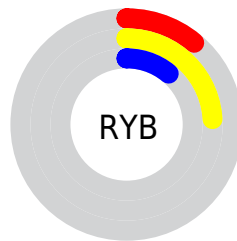
Distribution



Red (24%)

Green (24%)

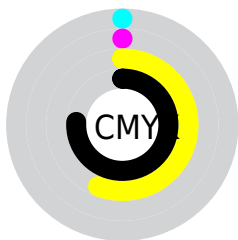
Blue (11%)



Red (11%)

Yellow (24%)

Blue (11%)

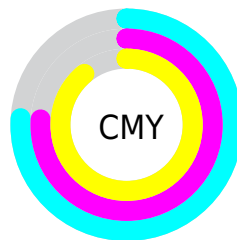


Cyan (0%)

Magenta (0%)

Yellow (56%)

Black (76%)



Cyan (76%)

Magenta (76%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 58.0100, -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 58.0100, -15.2879, 3.4992 by changing the saturation by 10% instead.

■ 58.0100, -15.2879,
3.4992

■ 58.0100, -15.2879,
3.4992

■ 255.0000, 0.0000,
0.0000

■ 35.6680, -16.5983,
3.7992

■ 105.3800,
-16.4563, 4.9287

■ 15.9260, -7.8515,
-1.6891

■ 130.8530,
-17.1825, 4.5139

■ 0.0000, 0.0000,
0.0000


■ 157.0380,
-17.7667, 5.2287


■ 183.8100,
-18.6403, 5.4286


■ 211.1090,
-18.7877, 6.0434


■ 239.9950,


-19.2245, 6.1434


 252.0360,
-11.3567, 2.5994


 58.0100, -15.2879,
3.4992


 58.0100, -15.2879,
3.4992


 57.3260, -17.9087,
4.0991


 58.6940, -12.6671,
2.8994


 56.6420, -20.5295,
4.6990


 59.3780, -10.0464,
2.2995


 55.8440, -23.5871,
5.3988

 60.1760, -6.9888,
1.5996

 55.1600, -26.2079,
5.9987

 60.8600, -4.3680,
0.9998

 54.9320, -27.0815,
6.1986

 61.5440, -1.7472,
0.3999

■ 62.2280, 0.8736,
-0.2000

■ 62.9120, 3.4944,
-0.7998

■ 63.7100, 6.5520,
-1.4997

■ 64.3940, 9.1728,
-2.0995

Harmonies

Analogous

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



59.0870, -15.3259, 15.7097



58.0100, -15.2879, 3.4992



55.7030, -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.



58.0100, -15.2879, 3.4992



49.4920, 17.0124, -43.4045



62.0550, 3.4239, 21.8768

Complementary

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



58.0100, -15.2879, 3.4992



30.9900, 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.



62.5140, 10.5926, 9.1962



58.0100, -15.2879, 3.4992



51.3450, 20.0429, -35.3826

Square

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



58.0100, -15.2879, 3.4992



48.3690, 10.1711, -42.4196



59.7720, 15.8884, -9.4470



61.0250, -4.4493, 27.1651

Rectangle

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



58.0100, -15.2879, 3.4992



53.5320, -3.7133, -22.3916



59.7720, 15.8884, -9.4470



62.3150, 5.7607, 19.0177

Sweetspot

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



58.0100, -15.2879, 3.4992



80.4040, -6.1152, 1.3997



37.4650, -5.1592, 21.5172



40.0880, -3.4944, 0.7998



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



58.0100, -15.2879, 3.4992



75.6160, -24.4607, 5.5988



52.9270, -12.7820, -6.9520



30.6580, -1.3104, 0.2999



83.2840, -41.0590, 9.3979



196.6920, -96.9692, 22.1951

Inverse Universe

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



30.9900, 15.2879, -3.4992



32.3840, 24.4607, -5.5988



36.3720, 12.6346, 7.5668



28.3420, 1.3104, -0.2999



10.7160, 41.0590, -9.3979



25.3080, 96.9692, -22.1951

Previews

White Background



This preview shows how the YUV color 58.0100, -15.2879, 3.4992 looks on a white background.

Color Contrast Check

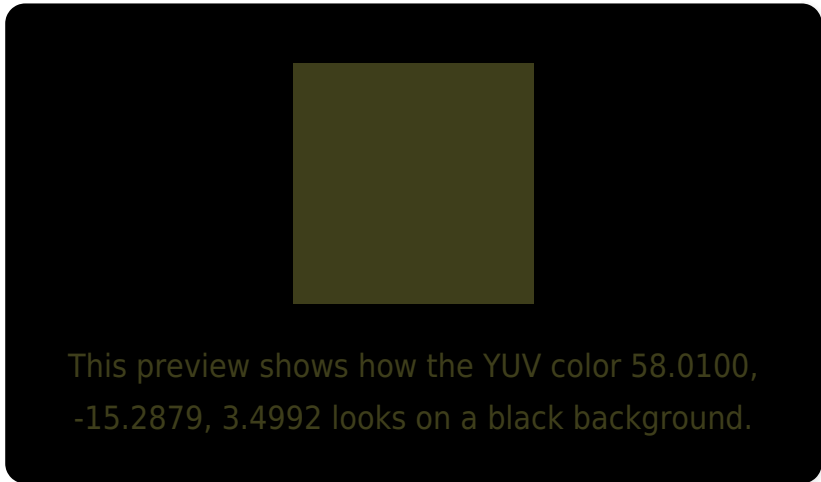
Large Text (above 18pt) WCAG AA ✓ Pass

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

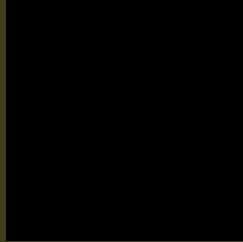
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 58.0100, -15.2879, 3.4992

Background



This preview shows how black text looks on a background with the YUV color 58.0100, -15.2879, 3.4992.



This preview shows how white text looks on a background with the YUV color 58.0100, -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

58.0100, -15.2879, 3.4992

Protanopia

58.3310, -15.4462, 7.6027

Deuteranopia

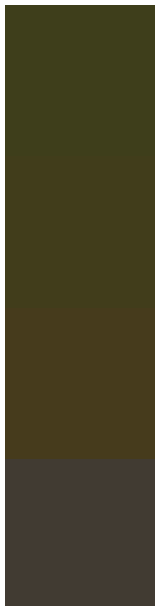
58.7770, -15.1731, 13.3506



Tritanopia

60.9620, 1.0047, 4.4183

Trichromacy



Original Color

58.0100, -15.2879, 3.4992

Protanomaly

58.3200, -15.4408, 5.8584

Deuteranomaly

58.7550, -15.1622, 9.8619

Tritanomaly

59.7680, -4.8156, 4.5885

Monochromacy



Original Color

58.0100, -15.2879, 3.4992

Achromatopsia

58.0000, 0.0000, 0.0000

Achromatomaly

57.6320, -5.2416, 1.1997

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.0100, -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(62, 62, 27)` looks like.

```
.text, #text, p{  
    color:rgb(62, 62, 27)  
}
```

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(62, 62, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 62, 27) }
```

Border

The CSS property to change the border of an element to YUV 58.0100, -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(62, 62, 27) }
```


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

```
.border{ border-color:rgb(62, 62, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 62, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 62, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 62, 27);  
box-shadow:4px 4px 4px 4px rgb(62, 62, 27)  
}
```

Background

The CSS property to change the background color of an element to YUV 58.0100, -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(62, 62, 27) }
```

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

```
.background{ background-color: rgb(62, 62,  
27) }
```

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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