

Converting Colors

YUV(58.1860, -2.0637, 8.6069)

Have a look what the booklet for
YUV(58.1860, -2.0637, 8.6069)
contains.

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Color

**YUV(58.1860, -2.0637,
8.6069)**

Conversions

Conversions Part 1

Format	Color
Hex	443636
RGB	68, 54, 54
RGB Percent	27%, 21%, 21%
CMY	0.7333, 0.7882, 0.7882
CMYK	0.00, 0.21, 0.21, 0.73
HSL	0°, 11%, 24%
HSV	0°, 21%, 27%
XYZ	4.3689, 4.1336, 4.0576
YIQ	58.1860, 8.3440, 2.9680

Conversions

Conversions Part 2

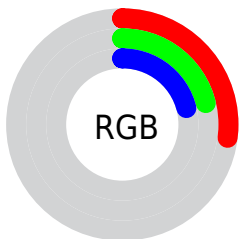
Format	Color
R_{YB}	68, 54, 54
Decimal	4470326
CIE _{Lab}	24.11, 6.23, 2.35
CIE _{LCh}	24, 6.655, 20.664
Yxy	4.1336, 0.3478, 0.3291
Android (android.graphics.Color)	4282660406 (0xFF443636)
YUV	58.1860, -2.0637, 8.6069
Hunter-Lab	20.3313, 2.7774, 2.3991

Details

The YUV color **58.1860, -2.0637, 8.6069** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **63.8140, 2.0637, -8.6069**, and the grayscale version is **58.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **105.4850, -2.2111, 9.2217**, and **14.7840, -2.3585, 9.8364** is the 20% darker color. If you saturate the color by 10%, you get **53.2790, -3.0955, 12.9103**, and if you desaturate by 10%, it is **63.0930, -1.0318, 4.3034**.

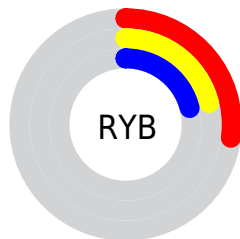
Distribution



 Red (27%)

 Green (21%)

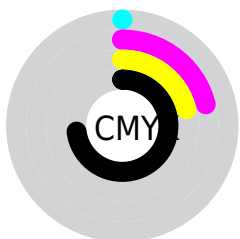
 Blue (21%)




 Red (27%)

 Yellow (21%)

 Blue (21%)

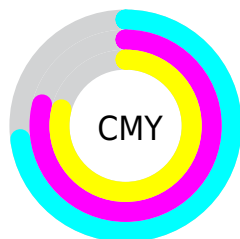


 Cyan (0%)

 Magenta (21%)

 Yellow (21%)

 Black (73%)



 Cyan (73%)

 Magenta (79%)

 Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 58.1860, -2.0637, 8.6069 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 58.1860, -2.0637, 8.6069 by changing the saturation by 10% instead.

■ 58.1860, -2.0637,
8.6069

■ 58.1860, -2.0637,
8.6069

255.0000, 0.0000,
0.0000

■ 36.8870, -1.9163,
7.9921

■ 105.4850, -2.2111,
9.2217

■ 14.7840, -2.3585,
9.8364

■ 130.7840, -2.3585,
9.8364

■ 0.0000, 0.0000,
0.0000

■ 156.9690, -2.9427,
10.5512

■ 183.3820, -2.6533,
11.0660

■ 211.3820, -2.6533,
11.0660

■ 239.3820, -2.6533,

11.0660

■ 58.1860, -2.0637,
8.6069

■ 58.1860, -2.0637,
8.6069

■ 53.2790, -3.0955,
12.9103

■ 63.0930, -1.0318,
4.3034

■ 48.3720, -4.1274,
17.2138

■ 68.0000, 0.0000,
0.0000

■ 44.1660, -5.0118,
20.9024

■ 72.2060, 0.8844,
-3.6887

■ 39.2590, -6.0437,
25.2059

■ 77.1130, 1.9163,
-7.9921

■ 34.3520, -7.0755,
29.5093

■ 82.0200, 2.9481,
-12.2955

■ 29.4450, -8.1074,
33.8127

■ 86.9270, 3.9800,
-16.5990

■ 24.5380, -9.1392,
38.1162

■ 91.8340, 5.0118,
-20.9024

■ 20.3320, -10.0237,
41.8048

■ 96.0400, 5.8963,
-24.5911

■ 100.9470, 6.9281,
-28.8945

Harmonies

Analogous

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



58.4570, 0.2677, 7.4922



58.1860, -2.0637, 8.6069



58.0180, -3.9529, 7.8772

Triad

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



58.1860, -2.0637, 8.6069



55.9950, -2.4625, -3.5036



56.6340, 5.1104, -5.8180

Complementary

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



58.1860, -2.0637, 8.6069



63.8140, 2.0637, -8.6069

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.



56.3840, 4.2477, -9.1068



58.1860, -2.0637, 8.6069



55.6570, 0.1691, -7.5922

Square

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



58.1860, -2.0637, 8.6069



56.8600, -4.3680, 0.9998



55.3300, 2.7953, -9.9364



57.8410, 4.5154, -1.6146

Rectangle

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



58.1860, -2.0637, 8.6069



57.4800, -4.6736, 5.7180



55.3300, 2.7953, -9.9364



56.6230, 5.1159, -7.5624

Sweetspot

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



58.1860, -2.0637, 8.6069



85.4950, -0.7370, 3.0739



59.7820, 4.0515, 7.2072



43.8970, -0.4422, 1.8443



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.



58.1860, -2.0637, 8.6069



73.5780, -3.2430, 13.5251



62.2950, -4.0894, 5.0033



30.8970, -0.4422, 1.8443



29.0030, -14.2985, 59.6334



66.9760, -33.0192, 137.7100

Inverse Universe

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



63.8140, 2.0637, -8.6069



82.4220, 3.2430, -13.5251



59.7050, 4.0894, -5.0033



32.1030, 0.4422, -1.8443



67.9970, 14.2985, -59.6334



157.0240, 33.0192, -137.7100

Previews

White Background



This preview shows how the YUV color 58.1860, -2.0637, 8.6069 looks on a white background.

Color Contrast Check

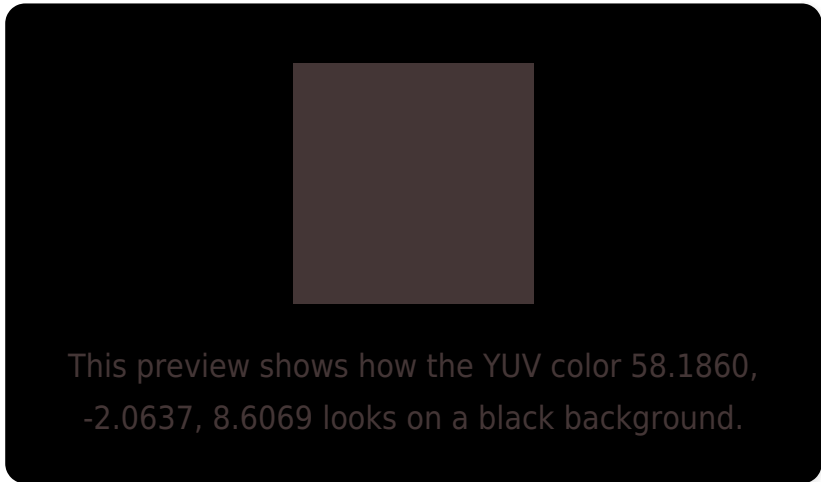
Large Text (above 18pt) WCAG AA ✓ Pass

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

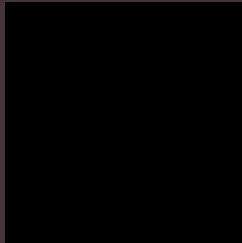
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 58.1860, -2.0637, 8.6069

Background



This preview shows how black text looks on a background with the YUV color 58.1860, -2.0637, 8.6069.

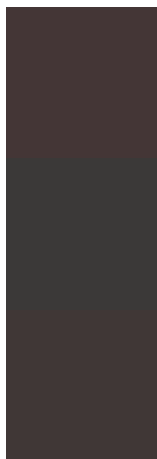


This preview shows how white text looks on a background with the YUV color 58.1860, -2.0637,

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

58.1860, -2.0637, 8.6069

Protanopia

57.4840, -0.7316, 1.3295

Deuteranopia

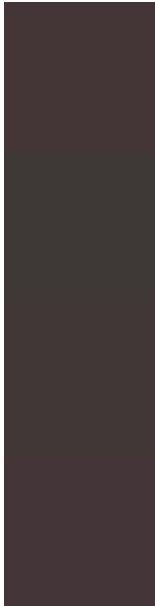
57.5770, -1.7635, 5.6330



Tritanopia

58.0550, -0.0271, 8.7218

Trichromacy



Original Color

58.1860, -2.0637, 8.6069

Protanomaly

57.6800, -1.3212, 3.7886

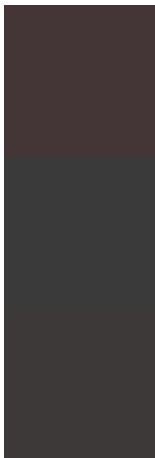
Deuteranomaly

57.8760, -1.9109, 6.2477

Tritanomaly

57.9410, -0.4639, 8.8217

Monochromacy



Original Color

58.1860, -2.0637, 8.6069

Achromatopsia

58.0000, 0.0000, 0.0000

Achromatomaly

58.4950, -0.7370, 3.0739

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.1860, -2.0637, 8.6069 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, 54, 54)` looks like.

```
.text, #text, p{  
    color:rgb(68, 54, 54)  
}
```

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, 54, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 54, 54) }
```

Border

The CSS property to change the border of an element to YUV 58.1860, -2.0637, 8.6069 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, 54, 54) }
```


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

```
.border{ border-color:rgb(68, 54, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 54, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 54, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 54, 54);  
box-shadow:4px 4px 4px 4px rgb(68, 54, 54)  
}
```

Background

The CSS property to change the background color of an element to YUV 58.1860, -2.0637, 8.6069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 54, 54) }
```

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

```
.background{ background-color: rgb(68, 54,  
54) }
```

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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