

Converting Colors

YUV(60.3530, -12.0060,
24.2464)

Have a look what the booklet for
YUV(60.3530, -12.0060, 24.2464)
contains.

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Color

**YUV(60.3530, -12.0060,
24.2464)**

Conversions

Conversions Part 1

Format	Color
Hex	583324
RGB	88, 51, 36
RGB Percent	35%, 20%, 14%
CMY	0.6549, 0.8000, 0.8588
CMYK	0.00, 0.42, 0.59, 0.65
HSL	17°, 42%, 24%
HSV	17°, 59%, 35%
XYZ	5.5268, 4.5697, 2.2598
YIQ	60.3530, 26.8670, 3.1790

Conversions

Conversions Part 2

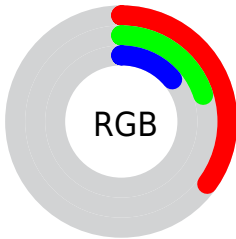
Format	Color
RYB	88, 57, 36
Decimal	5780260
CIELab	25.47, 14.95, 16.54
CIELCh	25, 22.295, 47.893
Yxy	4.5697, 0.4473, 0.3698
Android (android.graphics.Color)	4283970340 (0xFF583324)
YUV	60.3530, -12.0060, 24.2464
Hunter-Lab	21.3769, 8.7395, 8.6961

Details

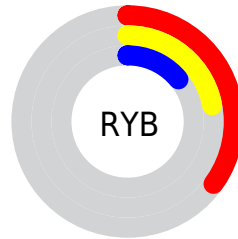
The YUV color **60.3530, -12.0060, 24.2464** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **63.6470, 12.0060, -24.2464**, and the grayscale version is **60.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.6200, -13.6167, 27.5203**, and **16.0690, -7.9220, 20.9875** is the 20% darker color. If you saturate the color by 10%, you get **55.8050, -14.2009, 28.2350**, and if you desaturate by 10%, it is **64.9010, -9.8112, 20.2578**.

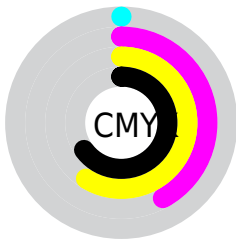
Distribution



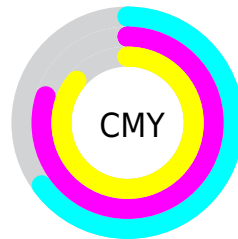
- Red (35%)
- Green (20%)
- Blue (14%)



- Red (35%)
- Yellow (22%)
- Blue (14%)



- Cyan (0%)
- Magenta (42%)
- Yellow (59%)
- Black (65%)



- Cyan (65%)
- Magenta (80%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 60.3530, -12.0060, 24.2464 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 60.3530, -12.0060, 24.2464 by changing the saturation by 10% instead.

60.3530, -12.0060,
24.2464

60.3530, -12.0060,
24.2464

255.0000, 0.0000,
0.0000

37.5700, -11.1270,
22.3021

108.6200,
-13.6167, 27.5203

16.0690, -7.9220,
20.9875

134.1040,
-14.3483, 28.8498

0.0000, 0.0000,
0.0000

160.5880,
-15.0799, 30.1793

187.4850,
-15.5221, 32.0237

215.6700,
-16.1063, 32.7384

235.8960,

-12.2737, 16.7542

■ 253.1760, -6.9888,
1.5996

■ 60.3530, -12.0060,
24.2464

■ 60.3530, -12.0060,
24.2464

■ 55.8050, -14.2009,
28.2350

■ 64.9010, -9.8112,
20.2578

■ 50.6700, -16.1063,
32.7384

■ 70.0360, -7.9057,
15.7544

■ 46.2360, -17.8643,
36.6270

■ 74.4700, -6.1477,
11.8658

■ 41.6880, -20.0592,
40.6156

■ 79.0180, -3.9529,
7.8772

■ 40.9870, -20.2066,
41.2304

■ 83.5660, -1.7580,
3.8886

■ 88.7010, 0.1474,
-0.6148

■ 93.2490, 2.3422,
-4.6034

■ 97.6830, 4.1003,
-8.4920

■ 102.2310, 6.2951,
-12.4806

Harmonies

Analogous

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



61.2100, -5.0335, 27.8798



60.3530, -12.0060, 24.2464



59.5600, -16.0521, 15.2949

Triad

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



60.3530, -12.0060, 24.2464



51.0300, 0.9712, -31.5983



60.3700, 15.5936, -8.2175

Complementary

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



60.3530, -12.0060, 24.2464



63.6470, 12.0060, -24.2464

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.



52.6550, 19.8901, -33.0234



60.3530, -12.0060, 24.2464



48.4830, 10.6079, -42.5196

Square

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



60.3530, -12.0060, 24.2464



55.5180, -9.1294, -11.8553



49.6060, 17.4492, -43.5045



62.4110, 10.1504, 11.0406

Rectangle

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



60.3530, -12.0060, 24.2464



58.5050, -16.0250, 6.5731



49.6060, 17.4492, -43.5045



58.7820, 17.3625, -15.5948

Sweetspot

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



60.3530, -12.0060, 24.2464



103.8010, -4.8319, 9.8215



55.7660, 8.4964, 28.2692



51.6480, -2.7845, 6.4477



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



60.3530, -12.0060, 24.2464



71.6060, -19.0328, 38.0565



75.6150, -19.5302, 10.8616



40.7830, -0.8790, 1.9443



50.1900, -24.7437, 49.8224



110.1810, -54.3192, 109.4663

Inverse Universe

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



63.6470, 12.0060, -24.2464



76.3940, 19.0328, -38.0565



48.3850, 19.5302, -10.8616



41.2170, 0.8790, -1.9443



56.8100, 24.7437, -49.8224



124.8190, 54.3192, -109.4663

Previews

White Background



This preview shows how the YUV color 60.3530, -12.0060, 24.2464 looks on a white background.

Color Contrast Check

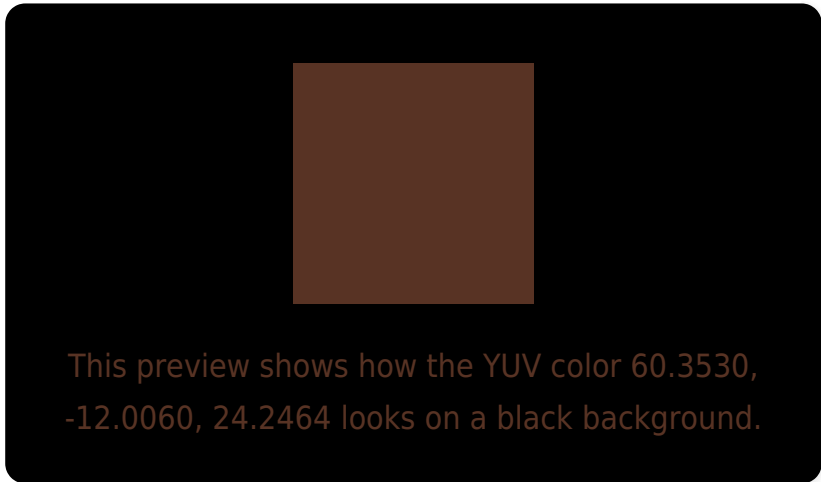
Large Text (above 18pt) WCAG AA ✓ Pass

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

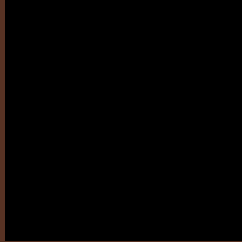
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 60.3530, -12.0060, 24.2464

Background



This preview shows how black text looks on a background with the YUV color 60.3530, -12.0060, 24.2464.

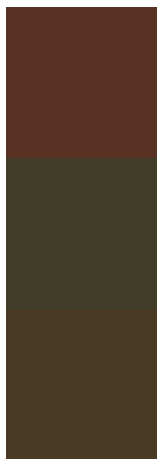


This preview shows how white text looks on a background with the YUV color 60.3530, -12.0060,

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

60.3530, -12.0060, 24.2464

Protanopia

60.1010, -9.9098, 5.1734

Deuteranopia

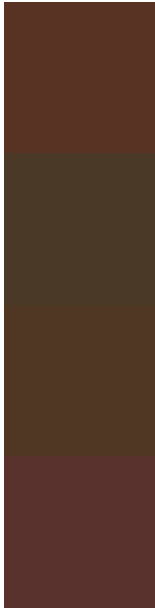
60.1620, -12.4049, 12.1359



Tritanopia

61.3020, -4.5859, 24.2911

Trichromacy



Original Color

60.3530, -12.0060, 24.2464

Protanomaly

60.0310, -10.3683, 12.2508

Deuteranomaly

59.8960, -12.2737, 16.7542

Tritanomaly

61.2050, -7.4961, 24.3762

Monochromacy



Original Color

60.3530, -12.0060, 24.2464

Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

60.2030, -4.5371, 8.5920

CSS Examples

Text

The CSS property to change the color of the text to YUV 60.3530, -12.0060, 24.2464 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(88, 51, 36)` looks like.

```
.text, #text, p{  
    color:rgb(88, 51, 36)  
}
```

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(88, 51, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 51, 36) }
```

Border

The CSS property to change the border of an element to YUV 60.3530, -12.0060, 24.2464 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(88, 51, 36) }
```


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

```
.border{ border-color:rgb(88, 51, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 51, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 51, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 51, 36);  
box-shadow:4px 4px 4px 4px rgb(88, 51, 36)  
}
```

Background

The CSS property to change the background color of an element to YUV 60.3530, -12.0060, 24.2464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 51, 36) }
```

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

```
.background{ background-color: rgb(88, 51,  
36) }
```

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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