

Converting Colors

YUV(135.8530, -47.2555,
36.9629)

Have a look what the booklet for
YUV(135.8530, -47.2555, 36.9629)
contains.

YUV(135.8530, -47.2555, 36.9629)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(135.8530, -47.2555,
36.9629)**

Conversions

Conversions Part 1

Format	Color
Hex	B28528
RGB	178, 133, 40
RGB Percent	70%, 52%, 16%
CMY	0.3020, 0.4784, 0.8431
CMYK	0.00, 0.25, 0.78, 0.30
HSL	40°, 63%, 43%
HSV	40°, 78%, 70%
XYZ	27.1306, 26.3932, 5.6719
YIQ	135.8530, 56.6730, -19.3830

Conversions

Conversions Part 2

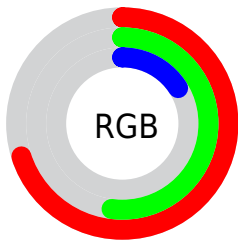
Format	Color
RYB	107, 178, 40
Decimal	11699496
CIELab	58.41, 8.49, 53.60
CIElCh	58, 54.264, 81.002
Yxy	26.3932, 0.4583, 0.4459
Android (android.graphics.Color)	4289889576 (0xFFB28528)
YUV	135.8530, -47.2555, 36.9629
Hunter-Lab	51.3743, 4.3602, 29.4162

Details

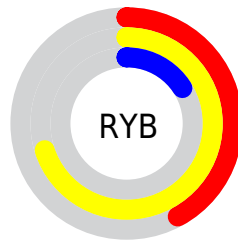
The YUV color **135.8530, -47.2555, 36.9629** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **82.1470, 47.2555, -36.9629**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.5330, -48.5768, 40.7516**, and **85.4870, -42.1451, 31.1449** is the 20% darker color. If you saturate the color by 10%, you get **130.2790, -53.3815, 41.8513**, and if you desaturate by 10%, it is **141.4270, -41.1295, 32.0745**.

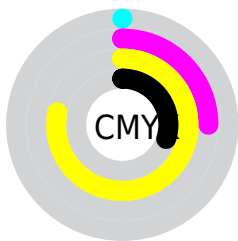
Distribution



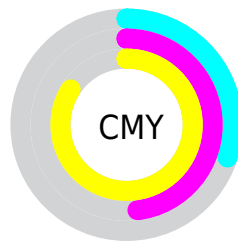
- Red (70%)
- Green (52%)
- Blue (16%)



- Red (42%)
- Yellow (70%)
- Blue (16%)



- Cyan (0%)
- Magenta (25%)
- Yellow (78%)
- Black (30%)



- Cyan (30%)
- Magenta (48%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.8530, -47.2555, 36.9629 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 135.8530, -47.2555, 36.9629 by changing the saturation by 10% instead.

■ 135.8530,
-47.2555, 36.9629

■ 135.8530,
-47.2555, 36.9629

■ 255.0000, 0.0000,
0.0000

■ 108.8590,
-49.7235, 35.2037

■ 190.5330,
-48.5768, 40.7516

■ 85.4870, -42.1451,
31.1449

■ 215.3150,
-47.9763, 34.8037

■ 63.6140, -31.3617,
25.7715

■ 234.8290,
-44.2857, 17.6900

■ 42.6270, -21.0151,
20.4981

■ 245.6520,
-35.8174, 8.1982

■ 23.4120, -11.5421,
15.4247

■ 248.8440,
-23.5871, 5.3988

■ 1.1960, -0.5896,
2.4591

■ 252.0360,

■ 0.0000, 0.0000,

-11.3567, 2.5994

0.0000

■ 135.8530,
-47.2555, 36.9629

■ 135.8530,
-47.2555, 36.9629

■ 130.2790,
-53.3815, 41.8513

■ 141.4270,
-41.1295, 32.0745

■ 124.7050,
-59.5076, 46.7397

■ 147.0010,
-35.0035, 27.1861

■ 123.6620,
-60.9654, 47.6544

■ 151.8740,
-29.0249, 22.9125

■ 157.4480,
-22.8989, 18.0241

■ 163.0220,
-16.7728, 13.1357

■ 168.5960,
-10.6468, 8.2473

■ 174.1700, -4.5208,
3.3589

■ 179.0430, 1.4578,
-0.9147

■ 184.6170, 7.5838,
-5.8031

Harmonies

Analogous

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



137.7590, -34.3912, 64.2324



135.8530, -47.2555, 36.9629



131.6590, -43.2159, 1.1761

Triad

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



135.8530, -47.2555, 36.9629



115.4030, 28.3953, -101.2084



144.8480, 27.6829, 34.3363

Complementary

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



135.8530, -47.2555, 36.9629



82.1470, 47.2555, -36.9629

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.



139.4480, 44.1491, -20.5639



135.8530, -47.2555, 36.9629



118.2020, 46.7354, -103.6632

Square

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



135.8530, -47.2555, 36.9629



109.8170, 6.9922, -96.3095



114.7260, 58.8021, -100.6147



141.2040, 7.7874, 69.1041

Rectangle

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



135.8530, -47.2555, 36.9629



127.2840, -31.1990, -26.5591



114.7260, 58.8021, -100.6147



144.3560, 33.8415, 18.9818

Sweetspot

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



135.8530, -47.2555, 36.9629



215.9790, -18.2306, 14.0504



86.5060, -0.2495, 80.2402



107.3680, -11.5204, 8.4473



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



135.8530, -47.2555, 36.9629



166.2860, -74.0910, 57.6312



155.3910, -56.8878, -0.3429



86.2130, -3.0630, 2.4442



106.2080, -52.3605, 41.0366



17.7530, -8.7522, 7.2326

Inverse Universe

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



82.1470, 47.2555, -36.9629



82.3010, 73.8016, -58.1460



62.6090, 56.8878, 0.3429



82.7870, 3.0630, -2.4442



46.7920, 52.3605, -41.0366



7.6600, 9.0416, -6.7178

Previews

White Background



This preview shows how the YUV color 135.8530, -47.2555, 36.9629 looks on a white background.

Color Contrast Check

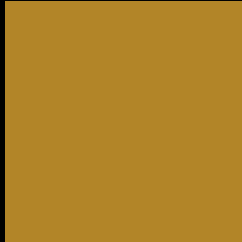
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 135.8530, -47.2555, 36.9629 looks on a black 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 × Fail

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

YUV 135.8530, -47.2555, 36.9629

Background



This preview shows how black text looks on a background with the YUV color 135.8530, -47.2555, 36.9629.



This preview shows how white text looks on a background with the YUV color 135.8530, -47.2555, 36.9629.

36.9629.

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

135.8530, -47.2555, 36.9629

Protanopia

134.7970, -45.7489, 20.3490

Deuteranopia

136.1410, -47.3975, 35.8333



Tritanopia

143.0800, -4.4764, 35.8868

Trichromacy



Original Color

135.8530, -47.2555, 36.9629

Protanomaly

135.0150, -46.3494, 26.2968

Deuteranomaly

136.1410, -47.3975, 35.8333

Tritanomaly

140.3670, -19.9009, 36.5121

Monochromacy



Original Color

135.8530, -47.2555, 36.9629

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

135.9080, -17.2096, 13.2357

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.8530, -47.2555, 36.9629 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(178, 133, 40)` looks like.

```
.text, #text, p{  
    color:rgb(178, 133, 40)  
}
```

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(178, 133, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 133, 40) }
```

Border

The CSS property to change the border of an element to YUV 135.8530, -47.2555, 36.9629 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(178, 133, 40) }
```


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

```
.border{ border-color:rgb(178, 133, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 133, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 133, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 133, 40);  
box-shadow:4px 4px 4px 4px rgb(178, 133,  
40) }
```

Background

The CSS property to change the background color of an element to YUV 135.8530, -47.2555, 36.9629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 133, 40) }
```

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

```
.background{ background-color: rgb(178,  
133, 40) }
```

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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