

Converting Colors

YUV(126.3210, -30.2313,
36.5525)

Have a look what the booklet for
YUV(126.3210, -30.2313, 36.5525)
contains.

YUV(126.3210, -30.2313, 36.5525)	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(126.3210, -30.2313,
36.5525)**

Conversions

Conversions Part 1

Format	Color
Hex	A87541
RGB	168, 117, 65
RGB Percent	66%, 46%, 25%
CMY	0.3412, 0.5412, 0.7451
CMYK	0.00, 0.30, 0.61, 0.34
HSL	30°, 44%, 46%
HSV	30°, 61%, 66%
XYZ	23.4639, 21.4291, 7.9006
YIQ	126.3210, 47.0880, -5.3600

Conversions

Conversions Part 2

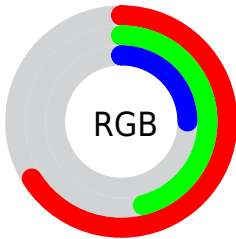
Format	Color
R_{YB}	166, 168, 65
Decimal	11040065
CIE _{Lab}	53.42, 14.45, 36.26
CIE _{LCh}	53, 39.038, 68.272
Yxy	21.4291, 0.4444, 0.4059
Android (android.graphics.Color)	4289230145 (0xFFA87541)
YUV	126.3210, -30.2313, 36.5525
Hunter-Lab	46.2915, 9.4664, 22.2851

Details

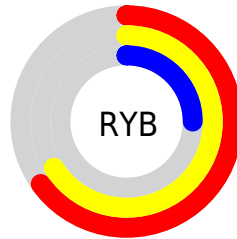
The YUV color **126.3210, -30.2313, 36.5525** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **106.6790, 30.2313, -36.5525**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.7730, -32.4261, 40.5411**, and **76.0430, -28.6152, 31.5343** is the 20% darker color. If you saturate the color by 10%, you get **119.6870, -35.3417, 42.3705**, and if you desaturate by 10%, it is **132.9550, -25.1208, 30.7345**.

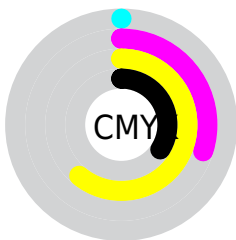
Distribution



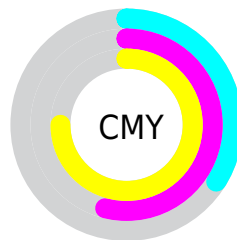
- Red (66%)
- Green (46%)
- Blue (25%)



- Red (65%)
- Yellow (66%)
- Blue (25%)



- Cyan (0%)
- Magenta (30%)
- Yellow (61%)
- Black (34%)



- Cyan (34%)
- Magenta (54%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 126.3210, -30.2313, 36.5525 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 126.3210, -30.2313, 36.5525 by changing the saturation by 10% instead.

■ 126.3210,
-30.2313, 36.5525

■ 126.3210,
-30.2313, 36.5525

■ 255.0000, 0.0000,
0.0000

■ 100.6520,
-28.9154, 34.5082

■ 179.7730,
-32.4261, 40.5411

■ 76.0430, -28.6152,
31.5343

■ 207.2570,
-33.1577, 41.8706

■ 52.7160, -25.9890,
29.1901

■ 226.7710,
-29.4671, 24.7568

■ 32.3160, -15.9318,
23.4019

■ 246.8720,
-26.0659, 7.1283

■ 11.3510, -5.5960,
21.6172

■ 251.3520,
-13.9775, 3.1993

■ 0.0000, 0.0000,
0.0000

■ 254.5440, -1.7472,

0.3999

■ 126.3210,
-30.2313, 36.5525

■ 126.3210,
-30.2313, 36.5525

■ 119.6870,
-35.3417, 42.3705

■ 132.9550,
-25.1208, 30.7345

■ 112.4660,
-40.1627, 48.7033

■ 140.1760,
-20.2998, 24.4016

■ 105.9460,
-44.8364, 54.4214

■ 146.6960,
-15.6261, 18.6836

■ 100.1270,
-49.3626, 59.5246

■ 153.3300,
-10.5157, 12.8656

■ 160.5510, -5.6946,
6.5328

■ 167.1850, -0.5842,
0.7148

■ 173.8190, 4.5262,
-5.1033

■ 180.9260, 8.9105,
-11.3361

■ 187.5600, 14.0209,
-17.1541

Harmonies

Analogous

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



127.5800, -19.5129, 52.1113



126.3210, -30.2313, 36.5525



124.0100, -32.0499, 13.1462

Triad

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



126.3210, -30.2313, 36.5525



100.6190, 17.4428, -88.2429



130.8960, 24.7013, 10.6152

Complementary

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



126.3210, -30.2313, 36.5525



106.6790, 30.2313, -36.5525

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.



123.8630, 34.5775, -30.5749



126.3210, -30.2313, 36.5525



103.0930, 31.9992, -90.4126

Square

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



126.3210, -30.2313, 36.5525



112.3130, -5.0843, -49.3865



102.5520, 42.6189, -89.9381



131.4130, 10.6424, 39.9798

Rectangle

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



126.3210, -30.2313, 36.5525



121.4530, -27.3383, -4.7823



102.5520, 42.6189, -89.9381



129.7310, 28.2336, -2.3951

Sweetspot

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



126.3210, -30.2313, 36.5525



203.4010, -11.5367, 13.6803



101.6110, 7.0938, 58.2232



100.2200, -7.0105, 8.5771



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



126.3210, -30.2313, 36.5525



153.5720, -47.6100, 57.3804



156.2580, -44.9902, 10.2977



80.7400, -2.3368, 2.8590



88.2770, -43.5206, 52.3771



11.8500, -5.8420, 7.1476

Inverse Universe

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



106.6790, 30.2313, -36.5525



122.4280, 47.6100, -57.3804



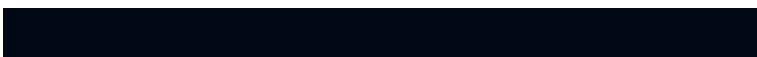
76.7420, 44.9902, -10.2977



79.2600, 2.3368, -2.8590



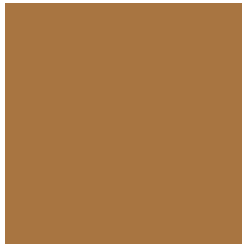
59.7230, 43.5206, -52.3771



8.1500, 5.8421, -7.1475

Previews

White Background



This preview shows how the YUV color 126.3210, -30.2313, 36.5525 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 126.3210, -30.2313, 36.5525 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

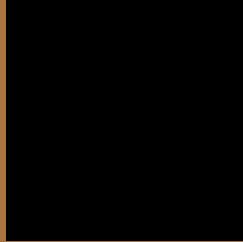
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 126.3210, -30.2313, 36.5525

Background



This preview shows how black text looks on a background with the YUV color 126.3210, -30.2313, 36.5525.



This preview shows how white text looks on a background with the YUV color 126.3210, -30.2313,

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

126.3210, -30.2313, 36.5525

Protanopia

125.1610, -27.6874, 13.8908

Deuteranopia

125.8530, -30.4935, 27.3159



Tritanopia

130.1510, -5.4974, 36.7016

Trichromacy



Original Color

126.3210, -30.2313, 36.5525

Protanomaly

125.6890, -28.4407, 22.1977

Deuteranomaly

125.8750, -30.5044, 30.8046

Tritanomaly

128.7460, -14.6648, 37.0568

Monochromacy



Original Color

126.3210, -30.2313, 36.5525

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

126.2160, -10.9525, 12.9656

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.3210, -30.2313, 36.5525 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(168, 117, 65)` looks like.

```
.text, #text, p{  
    color:rgb(168, 117, 65)  
}
```

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(168, 117, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 117, 65) }
```

Border

The CSS property to change the border of an element to YUV 126.3210, -30.2313, 36.5525 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(168, 117, 65) }
```


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

```
.border{ border-color:rgb(168, 117, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 117, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 117, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 117, 65);  
box-shadow:4px 4px 4px 4px rgb(168, 117,  
65) }
```

Background

The CSS property to change the background color of an element to YUV 126.3210, -30.2313, 36.5525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 117, 65) }
```

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

```
.background{ background-color: rgb(168,  
117, 65) }
```

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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