

Converting Colors

YUV(100.3530, -21.8660,
60.2034)

Have a look what the booklet for
YUV(100.3530, -21.8660, 60.2034)
contains.

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Color

**YUV(100.3530, -21.8660,
60.2034)**

Conversions

Conversions Part 1

Format	Color
Hex	A94A38
RGB	169, 74, 56
RGB Percent	66%, 29%, 22%
CMY	0.3373, 0.7098, 0.7804
CMYK	0.00, 0.56, 0.67, 0.34
HSL	10°, 50%, 44%
HSV	10°, 67%, 66%
XYZ	19.5248, 13.6181, 5.3409
YIQ	100.3530, 62.3980, 14.5420

Conversions

Conversions Part 2

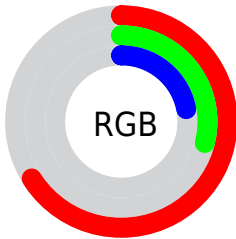
Format	Color
RYB	169, 77, 56
Decimal	11094584
CIELab	43.68, 37.78, 29.69
CIELCh	44, 48.046, 38.159
Yxy	13.6181, 0.5074, 0.3539
Android (android.graphics.Color)	4289284664 (0xFFA94A38)
YUV	100.3530, -21.8660, 60.2034
Hunter-Lab	36.9027, 29.8624, 17.2510

Details

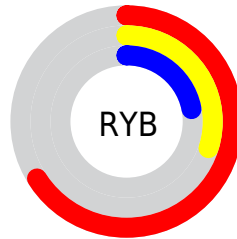
The YUV color **100.3530, -21.8660, 60.2034** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **124.6470, 21.8660, -60.2034**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.7020, -24.5031, 66.0363**, and **48.1720, -17.3398, 55.1002** is the 20% darker color. If you saturate the color by 10%, you get **90.1970, -25.2401, 69.1102**, and if you desaturate by 10%, it is **110.5090, -18.4919, 51.2966**.

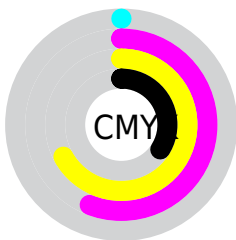
Distribution



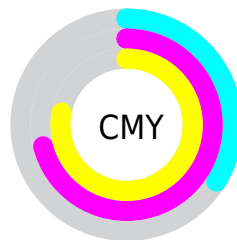
- Red (66%)
- Green (29%)
- Blue (22%)



- Red (66%)
- Yellow (30%)
- Blue (22%)



- Cyan (0%)
- Magenta (56%)
- Yellow (67%)
- Black (34%)



- Cyan (34%)
- Magenta (71%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.3530, -21.8660, 60.2034 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 100.3530, -21.8660, 60.2034 by changing the saturation by 10% instead.

■ 100.3530,
-21.8660, 60.2034

■ 100.3530,
-21.8660, 60.2034

■ 255.0000, 0.0000,
0.0000

■ 74.4990, -19.9660,
57.4444

■ 153.7020,
-24.5031, 66.0363

■ 48.1720, -17.3398,
55.1002

■ 180.1750,
-25.2293, 65.6215

■ 24.8170, -12.2348,
51.0265

■ 199.5750,
-21.9755, 48.6077

■ 16.7440, -8.2548,
34.4275

■ 219.0890,
-18.2849, 31.4939

■ 6.8770, -3.3904,
14.1399

■ 238.6030,
-14.5943, 14.3802

■ 0.0000, 0.0000,
0.0000

■ 253.0620, -7.4256,

1.6996

■ 100.3530,
-21.8660, 60.2034

■ 100.3530,
-21.8660, 60.2034

■ 90.1970, -25.2401,
69.1102

■ 110.5090,
-18.4919, 51.2966

■ 80.0410, -28.6142,
78.0170

■ 120.6650,
-15.1178, 42.3898

■ 69.2980, -31.6989,
87.4387

■ 131.4080,
-12.0331, 32.9682

■ 66.3800, -32.7253,
89.9977

■ 141.5640, -8.6591,
24.0614

■ 151.6060, -5.7218,
15.2545

■ 161.7620, -2.3477,
6.3477

■ 171.9180, 1.0264,
-2.5591

■ 182.6610, 4.1111,
-11.9807

■ 192.8170, 7.4852,
-20.8875

Harmonies

Analogous

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



100.6090, -3.2582, 65.2409



100.3530, -21.8660, 60.2034



99.6330, -36.7941, 41.5409

Triad

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



100.3530, -21.8660, 60.2034



78.6480, -3.2775, -68.9743



90.7660, 44.9784, -53.2918

Complementary

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



100.3530, -21.8660, 60.2034



124.6470, 21.8660, -60.2034

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.



87.6830, 44.0333, -76.8980



100.3530, -21.8660, 60.2034



84.4960, 14.0525, -74.1030

Square

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



100.3530, -21.8660, 60.2034



92.7240, -28.4579, -19.0519



88.3550, 31.3770, -77.4873



106.1610, 29.5006, 11.2598

Rectangle

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



100.3530, -21.8660, 60.2034



97.3290, -42.5602, 24.2675



88.3550, 31.3770, -77.4873



84.8450, 48.3904, -74.4091

Sweetspot

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



100.3530, -21.8660, 60.2034



192.2650, -8.5116, 23.4466



100.7310, 25.2756, 59.8719



94.0080, -5.4269, 14.0250



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.



100.3530, -21.8660, 60.2034



112.7610, -33.8992, 93.1716



132.6380, -37.7825, 31.8895



78.9790, -1.4686, 4.4034



58.3400, -28.7616, 78.6318



7.7410, -3.8163, 10.7511

Inverse Universe

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



124.6470, 21.8660, -60.2034



150.2390, 33.8992, -93.1716



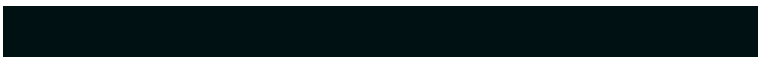
92.3620, 37.7825, -31.8895



81.0210, 1.4686, -4.4034



89.6600, 28.7616, -78.6318



12.2590, 3.8163, -10.7511

Previews

White Background



This preview shows how the YUV color 100.3530, -21.8660, 60.2034 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 × Fail

Black Background



This preview shows how the YUV color 100.3530, -21.8660, 60.2034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

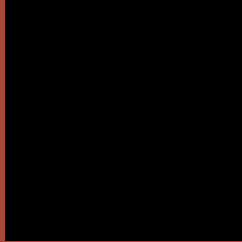
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 100.3530, -21.8660, 60.2034 Background



This preview shows how black text looks on a background with the YUV color 100.3530, -21.8660, 60.2034.



This preview shows how white text looks on a background with the YUV color 100.3530, -21.8660,

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

100.3530, -21.8660, 60.2034

Protanopia

102.4730, -17.4882, 9.2322

Deuteranopia

102.1990, -25.2411, 22.6275



Tritanopia

101.1710, -12.4093, 60.3630

Trichromacy



Original Color

100.3530, -21.8660, 60.2034

Protanomaly

101.5400, -19.0002, 27.5904

Deuteranomaly

101.6290, -23.9741, 36.2824

Tritanomaly

100.9600, -15.7563, 60.5481

Monochromacy



Original Color

100.3530, -21.8660, 60.2034

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

100.3680, -8.0694, 21.6023

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.3530, -21.8660, 60.2034 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(169, 74, 56)` looks like.

```
.text, #text, p{  
    color:rgb(169, 74, 56)  
}
```

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(169, 74, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 74, 56) }
```

Border

The CSS property to change the border of an element to YUV 100.3530, -21.8660, 60.2034 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(169, 74, 56) }
```


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

```
.border{ border-color:rgb(169, 74, 56) }
```

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

Here you see how a box with a 4 pixel rgb(169, 74, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 74, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 74, 56);  
box-shadow:4px 4px 4px 4px rgb(169, 74,  
56) }
```

Background

The CSS property to change the background color of an element to YUV 100.3530, -21.8660, 60.2034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 74, 56) }
```

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

```
.background{ background-color: rgb(169, 74,  
56) }
```

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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