

Converting Colors

YUV(114.4280, -25.8470,
30.3196)

Have a look what the booklet for
YUV(114.4280, -25.8470, 30.3196)
contains.

YUV(114.4280, -25.8470, 30.3196)	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(114.4280, -25.8470,
30.3196)**

Conversions

Conversions Part 1

Format	Color
Hex	956B3E
RGB	149, 107, 62
RGB Percent	58%, 42%, 24%
CMY	0.4157, 0.5804, 0.7569
CMYK	0.00, 0.28, 0.58, 0.42
HSL	31°, 41%, 41%
HSV	31°, 58%, 58%
XYZ	18.5216, 17.2528, 6.9113
YIQ	114.4280, 39.4770, -5.0910

Conversions

Conversions Part 2

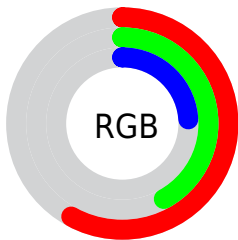
Format	Color
R_{YB}	143, 149, 62
Decimal	9792318
CIE _{Lab}	48.58, 11.53, 31.56
CIE _{LCh}	49, 33.599, 69.930
Yxy	17.2528, 0.4339, 0.4042
Android (android.graphics.Color)	4287982398 (0xFF956B3E)
YUV	114.4280, -25.8470, 30.3196
Hunter-Lab	41.5364, 6.9067, 19.2101

Details

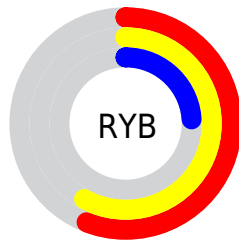
The YUV color **114.4280, -25.8470, 30.3196** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **96.5720, 25.8470, -30.3196**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.6950, -27.4576, 33.5935**, and **65.4490, -24.3784, 25.9162** is the 20% darker color. If you saturate the color by 10%, you get **108.6090, -30.3732, 35.4229**, and if you desaturate by 10%, it is **120.2470, -21.3208, 25.2164**.

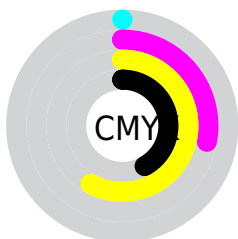
Distribution



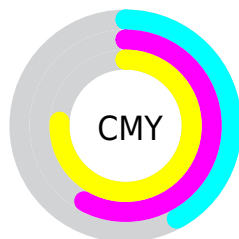
- Red (58%)
- Green (42%)
- Blue (24%)



- Red (56%)
- Yellow (58%)
- Blue (24%)



- Cyan (0%)
- Magenta (28%)
- Yellow (58%)
- Black (42%)



- Cyan (42%)
- Magenta (58%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.4280, -25.8470, 30.3196 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 114.4280, -25.8470, 30.3196 by changing the saturation by 10% instead.

■ 114.4280,
-25.8470, 30.3196

■ 114.4280,
-25.8470, 30.3196

■ 255.0000, 0.0000,
0.0000

■ 89.6450, -24.9680,
28.3753

■ 166.6950,
-27.4576, 33.5935

■ 65.4490, -24.3784,
25.9162

■ 194.3640,
-28.7735, 35.6378

■ 43.2360, -21.3153,
23.4720

■ 219.8580,
-28.0310, 30.8195

■ 23.7220, -11.6949,
17.7838

■ 239.3720,
-24.3404, 13.7058

■ 4.1860, -2.0637,
8.6069

■ 250.7820,
-16.1615, 3.6992

■ 0.0000, 0.0000,
0.0000

■ 254.0880, -3.4944,

0.7998

■ 114.4280,
-25.8470, 30.3196

■ 114.4280,
-25.8470, 30.3196

■ 108.6090,
-30.3732, 35.4229

■ 120.2470,
-21.3208, 25.2164

■ 102.7900,
-34.8995, 40.5262

■ 126.0660,
-16.7945, 20.1131

■ 96.3840, -39.1363,
46.1442

■ 132.4720,
-12.5577, 14.4951

■ 90.5650, -43.6625,
51.2475

■ 138.2910, -8.0315,
9.3918

■ 89.7500, -44.2467,
51.9622

■ 144.1100, -3.5052,
4.2885

■ 149.8150, 0.5842,
-0.7148

■ 155.6340, 5.1104,
-5.8180

■ 162.0400, 9.3473,
-11.4361

■ 167.8590, 13.8735,
-16.5393

Harmonies

Analogous

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



115.3940, -17.4492, 43.5045



114.4280, -25.8470, 30.3196



112.3670, -26.8029, 10.2021

Triad

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



114.4280, -25.8470, 30.3196



90.4460, 16.5421, -79.3211



118.0440, 20.1913, 10.4854

Complementary

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



114.4280, -25.8470, 30.3196



96.5720, 25.8470, -30.3196

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.



113.0120, 28.5881, -22.8125



114.4280, -25.8470, 30.3196



92.9370, 28.6251, -81.5057

Square

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



114.4280, -25.8470, 30.3196



102.9980, -3.9430, -42.0942



96.4250, 35.2865, -71.4097



118.5110, 8.6221, 34.6319

Rectangle

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



114.4280, -25.8470, 30.3196



110.1200, -22.2442, -5.3672



96.4250, 35.2865, -71.4097



117.4880, 23.4234, 0.4490

Sweetspot

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



114.4280, -25.8470, 30.3196



180.0310, -10.3683, 12.2508



92.8010, 5.5211, 49.2865



88.7360, -6.2788, 7.2475



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



114.4280, -25.8470, 30.3196



139.7540, -40.3047, 47.5737



138.7830, -37.8540, 8.0833



70.8540, -1.9000, 2.7590



82.9390, -40.8889, 48.2885



5.9250, -2.9210, 3.5738

Inverse Universe

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



96.5720, 25.8470, -30.3196



112.2460, 40.3047, -47.5737



72.2170, 37.8540, -8.0833



69.5590, 2.1894, -2.2442



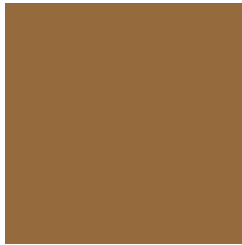
54.4740, 41.1783, -47.7737



4.0750, 2.9210, -3.5738

Previews

White Background



This preview shows how the YUV color 114.4280, -25.8470, 30.3196 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 114.4280, -25.8470, 30.3196 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 114.4280, -25.8470, 30.3196

Background



This preview shows how black text looks on a background with the YUV color 114.4280, -25.8470, 30.3196.



This preview shows how white text looks on a background with the YUV color 114.4280, -25.8470, 30.3196.

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

114.4280, -25.8470, 30.3196

Protanopia

113.4750, -23.8982, 11.8614

Deuteranopia

113.9820, -26.1201, 24.5718



Tritanopia

117.4600, -4.1708, 31.1686

Trichromacy



Original Color

114.4280, -25.8470, 30.3196

Protanomaly

113.9920, -24.6461, 18.4240

Deuteranomaly

114.2920, -26.2730, 26.9309

Tritanomaly

116.3970, -12.0277, 31.2238

Monochromacy



Original Color

114.4280, -25.8470, 30.3196

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.9600, -9.3473, 11.4361

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.4280, -25.8470, 30.3196 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(149, 107, 62)` looks like.

```
.text, #text, p{  
    color:rgb(149, 107, 62)  
}
```

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(149, 107, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 107, 62) }
```

Border

The CSS property to change the border of an element to YUV 114.4280, -25.8470, 30.3196 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(149, 107, 62) }
```


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

```
.border{ border-color:rgb(149, 107, 62) }
```

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

Here you see how a box with a 4 pixel rgb(149, 107, 62) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 107, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 107, 62);  
box-shadow:4px 4px 4px 4px rgb(149, 107,  
62) }
```

Background

The CSS property to change the background color of an element to YUV 114.4280, -25.8470, 30.3196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 107, 62) }
```

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

```
.background{ background-color: rgb(149,  
107, 62) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor