

Converting Colors

YUV(105.5700, -24.4380,
45.1041)

Have a look what the booklet for
YUV(105.5700, -24.4380, 45.1041)
contains.

YUV(105.5700, -24.4380, 45.1041)	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(105.5700, -24.4380,
45.1041)**

Conversions

Conversions Part 1

Format	Color
Hex	9D5938
RGB	157, 89, 56
RGB Percent	62%, 35%, 22%
CMY	0.3843, 0.6510, 0.7804
CMYK	0.00, 0.43, 0.64, 0.38
HSL	20°, 47%, 42%
HSV	20°, 64%, 62%
XYZ	18.1908, 14.5984, 5.6004
YIQ	105.5700, 51.1210, 4.1530

Conversions

Conversions Part 2

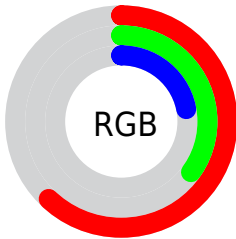
Format	Color
R_{YB}	157, 105, 56
Decimal	10311992
CIE Lab	45.08, 24.87, 30.93
CIE LCh	45, 39.689, 51.197
Yxy	14.5984, 0.4738, 0.3803
Android (android.graphics.Color)	4288502072 (0xFF9D5938)
YUV	105.5700, -24.4380, 45.1041
Hunter-Lab	38.2078, 18.1205, 18.0549

Details

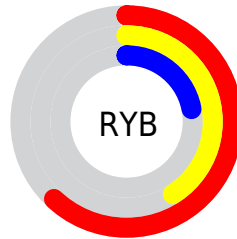
The YUV color **105.5700, -24.4380, 45.1041** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **107.4300, 24.4380, -45.1041**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.3210, -26.7803, 49.7075**, and **56.2210, -21.8010, 39.2712** is the 20% darker color. If you saturate the color by 10%, you get **97.2890, -28.2435, 52.3665**, and if you desaturate by 10%, it is **113.8510, -20.6325, 37.8417**.

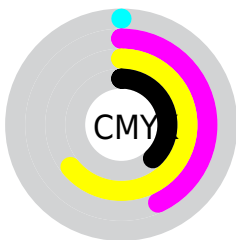
Distribution



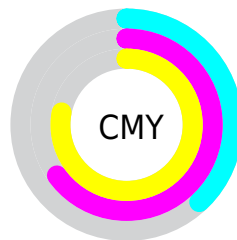
- Red (62%)
- Green (35%)
- Blue (22%)



- Red (62%)
- Yellow (41%)
- Blue (22%)



- Cyan (0%)
- Magenta (43%)
- Yellow (64%)
- Black (38%)



- Cyan (38%)
- Magenta (65%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 105.5700, -24.4380, 45.1041 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 105.5700, -24.4380, 45.1041 by changing the saturation by 10% instead.

■ 105.5700,
-24.4380, 45.1041

■ 105.5700,
-24.4380, 45.1041

■ 255.0000, 0.0000,
0.0000

■ 80.6020, -22.9748,
42.4450

■ 158.3210,
-26.7803, 49.7075

■ 56.2210, -21.8010,
39.2712

■ 185.4030,
-27.8067, 52.2666

■ 33.2790, -16.4065,
35.7123

■ 207.9070,
-25.5902, 41.3006

■ 14.3520, -7.0755,
29.5093

■ 227.4210,
-21.8996, 24.1868

■ 2.9900, -1.4741,
6.1478

■ 247.5220,
-18.4983, 6.5582

■ 0.0000, 0.0000,
0.0000

■ 253.1760, -6.9888,

1.5996

■ 105.5700,
-24.4380, 45.1041

■ 105.5700,
-24.4380, 45.1041

■ 97.2890, -28.2435,
52.3665

■ 113.8510,
-20.6325, 37.8417

■ 89.7090, -31.9015,
59.0142

■ 121.4310,
-16.9745, 31.1940

■ 81.4280, -35.7070,
66.2766

■ 129.7120,
-13.1690, 23.9316

■ 76.8800, -37.9018,
70.2652

■ 137.4060, -9.0742,
17.1839

■ 145.5730, -5.7055,
10.0215

■ 153.2670, -1.6106,
3.2738

■ 161.5480, 2.1948,
-3.9886

■ 169.8290, 6.0003,
-11.2510

■ 177.4090, 9.6584,
-17.8987

Harmonies

Analogous

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



106.2950, -10.4984, 54.1153



105.5700, -24.4380, 45.1041



104.3860, -32.2353, 25.9715

Triad

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



105.5700, -24.4380, 45.1041



83.0310, 5.9007, -72.8182



106.5340, 30.3027, -12.7463

Complementary

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



105.5700, -24.4380, 45.1041



107.4300, 24.4380, -45.1041

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.



85.9390, 42.4281, -75.3685



105.5700, -24.4380, 45.1041



87.0210, 21.1886, -76.3174

Square

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



105.5700, -24.4380, 45.1041



95.8720, -16.2059, -28.8287



88.4520, 34.2872, -77.5724



109.9040, 19.2743, 24.6402

Rectangle

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



105.5700, -24.4380, 45.1041



102.4010, -31.7497, 10.1723



88.4520, 34.2872, -77.5724



103.0590, 33.9879, -28.1157

Sweetspot

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



105.5700, -24.4380, 45.1041



184.2920, -9.5110, 17.2839



94.0650, 15.2510, 55.1940



89.9860, -5.4161, 10.5363



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



105.5700, -24.4380, 45.1041



123.8800, -37.9018, 70.2652



134.3330, -38.6182, 19.8790



75.1530, -2.0474, 3.3738



70.3460, -34.6806, 63.7176



7.4200, -3.6581, 6.6477

Inverse Universe

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



107.4300, 24.4380, -45.1041



127.1200, 37.9018, -70.2652



78.6670, 38.6182, -19.8790



74.8470, 2.0474, -3.3738



72.6540, 34.6806, -63.7176



7.5800, 3.6581, -6.6477

Previews

White Background



This preview shows how the YUV color 105.5700, -24.4380, 45.1041 looks on a white background.

Color Contrast Check

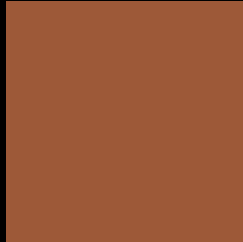
Large Text (above 18pt) WCAG AA ✓ Pass

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 105.5700, -24.4380, 45.1041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

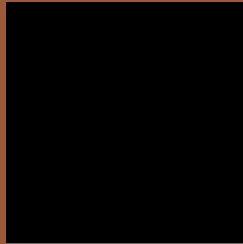
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 105.5700, -24.4380, 45.1041

Background



This preview shows how black text looks on a background with the YUV color 105.5700, -24.4380, 45.1041.



This preview shows how white text looks on a background with the YUV color 105.5700, -24.4380,

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

105.5700, -24.4380, 45.1041

Protanopia

104.8600, -21.1300, 10.6468

Deuteranopia

105.3840, -25.8253, 23.3422



Tritanopia

107.8100, -8.2873, 44.8936

Trichromacy



Original Color

105.5700, -24.4380, 45.1041

Protanomaly

105.0080, -22.1889, 23.6720

Deuteranomaly

105.2540, -25.2682, 31.3492

Tritanomaly

106.6160, -14.1077, 45.0638

Monochromacy



Original Color

105.5700, -24.4380, 45.1041

Achromatopsia

106.0000, 0.0000, 0.0000

Achromatomaly

106.1070, -8.9268, 16.5692

CSS Examples

Text

The CSS property to change the color of the text to YUV 105.5700, -24.4380, 45.1041 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(157, 89, 56)` looks like.

```
.text, #text, p{  
    color:rgb(157, 89, 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(157, 89, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 89, 56) }
```

Border

The CSS property to change the border of an element to YUV 105.5700, -24.4380, 45.1041 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(157, 89, 56) }
```


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

```
.border{ border-color:rgb(157, 89, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 89, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 89, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 89, 56);  
box-shadow:4px 4px 4px 4px rgb(157, 89,  
56) }
```

Background

The CSS property to change the background color of an element to YUV 105.5700, -24.4380, 45.1041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 89, 56) }
```

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

```
.background{ background-color: rgb(157, 89,  
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](#).

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