

Converting Colors

YUV(107.6500, -50.1134,
-73.3610)

Have a look what the booklet for
YUV(107.6500, -50.1134, -73.3610)
contains.

YUV(107.6500, -50.1134, -73.3610)	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(107.6500, -50.1134,
-73.3610)**

Conversions

Conversions Part 1

Format	Color
Hex	18AA06
RGB	24, 170, 6
RGB Percent	9%, 67%, 2%
CMY	0.9059, 0.3333, 0.9765
CMYK	0.86, 0.00, 0.96, 0.33
HSL	113°, 93%, 35%
HSV	113°, 96%, 67%
XYZ	14.7843, 28.9568, 4.9823
YIQ	107.6500, -34.3720, -81.9560

Conversions

Conversions Part 2

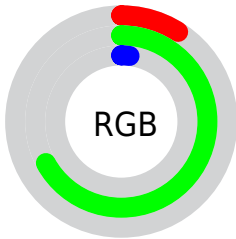
Format	Color
RYB	6, 170, 152
Decimal	1616390
CIELab	60.74, -61.89, 60.78
CIELCh	61, 86.746, 135.518
Yxy	28.9568, 0.3034, 0.5943
Android (android.graphics.Color)	4279806470 (0xFF18AA06)
YUV	107.6500, -50.1134, -73.3610
Hunter-Lab	53.8115, -45.1287, 32.1785

Details

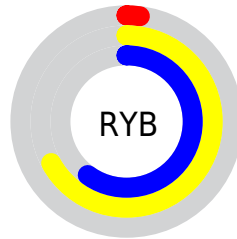
The YUV color **107.6500, -50.1134, -73.3610** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **68.3500, 50.1135, 73.3611**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.1120, -47.3832, -62.3652**, and **68.0920, -33.5694, -59.7167** is the 20% darker color. If you saturate the color by 10%, you get **105.4710, -51.9972, -75.8351**, and if you desaturate by 10%, it is **114.0730, -44.8990, -65.8390**.

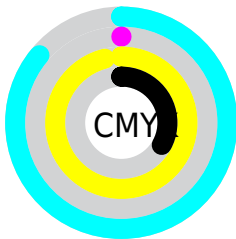
Distribution



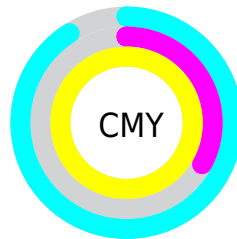
- Red (9%)
- Green (67%)
- Blue (2%)



- Red (2%)
- Yellow (67%)
- Blue (60%)



- Cyan (86%)
- Magenta (0%)
- Yellow (96%)
- Black (33%)



- Cyan (91%)
- Magenta (33%)
- Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.6500, -50.1134, -73.3610 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 107.6500, -50.1134, -73.3610 by changing the saturation by 10% instead.

■ 107.6500,
-50.1134, -73.3610

■ 107.6500,
-50.1134, -73.3610

■ 255.0000, 0.0000,
0.0000

■ 83.9410, -41.3829,
-73.6163

■ 172.1120,
-47.3832, -62.3652

■ 68.0920, -33.5694,
-59.7167

■ 201.0090,
-47.8254, -60.5209

■ 52.8300, -26.0452,
-46.3319

■ 213.0570,
-40.4541, -44.7770

■ 38.1550, -18.8104,
-33.4619

■ 225.2190,
-32.6460, -29.1331

■ 24.6540, -12.1544,
-21.6216

■ 237.6800,
-24.9852, -12.8744

■ 2.9350, -1.4470,
-2.5740

■ 249.9560,

■ 0.0000, 0.0000,


-16.7403, 2.6696


0.0000

 253.8600, -4.3680,
0.9998


 107.6500,
-50.1134, -73.3610


 107.6500,
-50.1134, -73.3610

 105.4710,
-51.9972, -75.8351

 114.0730,
-44.8990, -65.8390

 120.4960,
-39.6845, -58.3170

 126.9190,
-34.4701, -50.7950

 133.6410,
-29.4030, -42.6582

 140.0640,
-24.1886, -35.1361

■ 146.4870,
-18.9741, -27.6141

■ 152.9100,
-13.7596, -20.0921

■ 159.3330, -8.5452,
-12.5700

■ 165.7560, -3.3307,
-5.0480

Harmonies

Analogous

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



132.8450, -65.4926, 6.2749



107.6500, -50.1134, -73.3610



115.8690, -5.3584, -101.6171

Triad

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



107.6500, -50.1134, -73.3610



126.5120, 63.3446, -110.9510



115.3140, -2.1268, 122.5046

Complementary

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



107.6500, -50.1134, -73.3610



68.3500, 50.1135, 73.3611

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.



129.8480, 28.1759, 109.7583



107.6500, -50.1134, -73.3610



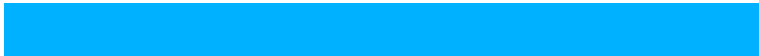
113.0110, 70.0006, -99.1106

Square

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



107.6500, -50.1134, -73.3610



132.9690, 60.1613, -116.6138



149.0210, 52.2476, 42.0776



133.0650, -48.3460, 106.9370

Rectangle

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



107.6500, -50.1134, -73.3610



123.1990, 17.6499, -108.0455



149.0210, 52.2476, 42.0776



114.0550, 10.8189, 123.6088

Sweetspot

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



107.6500, -50.1134, -73.3610



197.6610, -19.5529, -28.6437



140.1510, -66.1364, 26.1776



97.0890, -11.8759, -17.6181



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



107.6500, -50.1134, -73.3610



137.4900, -67.7826, -99.5307



109.4500, -19.9418, -90.7256



80.9950, -2.4625, -3.5036



91.6600, -45.1884, -66.3538



12.3380, -6.0826, -9.0664

Inverse Universe

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



68.3500, 50.1135, 73.3611



84.5100, 67.7826, 99.5307



66.5500, 19.9419, 90.7257



79.0050, 2.4625, 3.5036



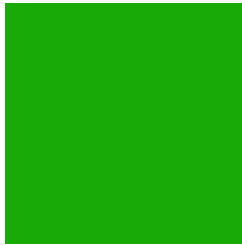
56.3400, 45.1884, 66.3538



7.6620, 6.0826, 9.0664

Previews

White Background



This preview shows how the YUV color 107.6500, -50.1134, -73.3610 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 107.6500, -50.1134, -73.3610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

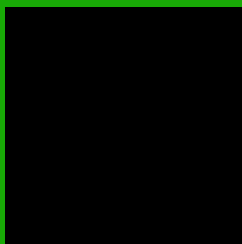
Any Text WCAG AA ✓ Pass

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 107.6500, -50.1134, -73.3610 Background



This preview shows how black text looks on a background with the YUV color 107.6500, -50.1134, -73.3610.



This preview shows how white text looks on a background with the YUV color 107.6500, -50.1134, -73.3610.

-73.3610.

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

107.6500, -50.1134, -73.3610

Protanopia

134.7380, -66.4258, 25.6628

Deuteranopia

139.9410, -50.7499, 37.7627



Tritanopia

134.3660, 18.0606, -52.9410

Trichromacy



Original Color

107.6500, -50.1134, -73.3610



Protanomaly

125.0000, -60.6390, -10.5240



Deuteranomaly

128.3890, -50.4778, -2.9722



Tritanomaly

124.4920, -6.6516, -60.0675

Monochromacy



Original Color

107.6500, -50.1134, -73.3610



Achromatopsia

108.0000, 0.0000, 0.0000



Achromatomaly

108.0140, -18.2479, -27.1993

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.6500, -50.1134, -73.3610 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(24, 170, 6)` looks like.

```
.text, #text, p{  
    color:rgb(24, 170, 6)  
}
```

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(24, 170, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 170, 6) }
```

Border

The CSS property to change the border of an element to YUV 107.6500, -50.1134, -73.3610 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(24, 170, 6) }
```


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

```
.border{ border-color:rgb(24, 170, 6) }
```

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

Here you see how a box with a 4 pixel rgb(24, 170, 6) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 170, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 170, 6);  
box-shadow:4px 4px 4px 4px rgb(24, 170, 6)  
}
```

Background

The CSS property to change the background color of an element to YUV 107.6500, -50.1134, -73.3610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 170, 6) }
```

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

```
.background{ background-color: rgb(24, 170,  
6) }
```

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