

Converting Colors

YUV(108.5510, 11.0674,
-3.1142)

Have a look what the booklet for
YUV(108.5510, 11.0674, -3.1142)
contains.

YUV(108.5510, 11.0674, -3.1142)	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(108.5510, 11.0674,
-3.1142)**

Conversions

Conversions Part 1

Format	Color
Hex	696A83
RGB	105, 106, 131
RGB Percent	41%, 42%, 51%
CMY	0.5882, 0.5843, 0.4863
CMYK	0.20, 0.19, 0.00, 0.49
HSL	238°, 11%, 46%
HSV	238°, 20%, 51%
XYZ	15.0765, 14.9500, 23.5638
YIQ	108.5510, -8.6210, 7.5630

Conversions

Conversions Part 2

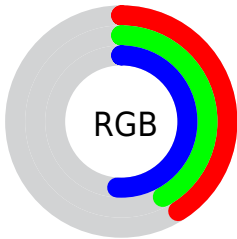
Format	Color
RYB	105, 106, 131
Decimal	6908547
CIELab	45.57, 5.29, -13.93
CIELCh	46, 14.900, 290.798
Yxy	14.9500, 0.2813, 0.2790
Android (android.graphics.Color)	4285098627 (0xFF696A83)
YUV	108.5510, 11.0674, -3.1142
Hunter-Lab	38.6653, 1.9370, -9.0674

Details

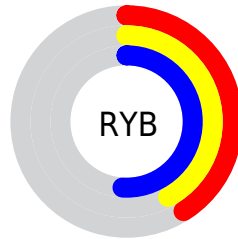
The YUV color **108.5510, 11.0674, -3.1142** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **127.4490, -11.0674, 3.1142**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.0780, 11.7935, -2.6994**, and **61.0240, 10.3412, -3.5290** is the 20% darker color. If you saturate the color by 10%, you get **97.0330, 16.7457, -4.4139**, and if you desaturate by 10%, it is **120.0690, 5.3890, -1.8145**.

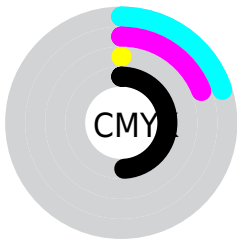
Distribution



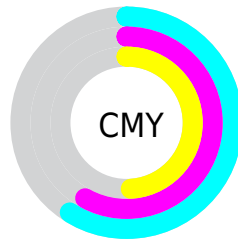
- Red (41%)
- Green (42%)
- Blue (51%)



- Red (41%)
- Yellow (42%)
- Blue (51%)



- Cyan (20%)
- Magenta (19%)
- Yellow (0%)
- Black (49%)



- Cyan (59%)
- Magenta (58%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 108.5510, 11.0674, -3.1142 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 108.5510, 11.0674, -3.1142 by changing the saturation by 10% instead.

■ 108.5510, 11.0674,
-3.1142

■ 108.5510, 11.0674,
-3.1142

■ 255.0000, 0.0000,
0.0000

■ 84.4370, 10.6306,
-3.0142

■ 160.0780, 11.7935,
-2.6994

■ 61.0240, 10.3412,
-3.5290

■ 187.1920, 12.2303,
-2.7994

■ 38.9100, 9.9044,
-3.4291

■ 214.8930, 12.3778,
-3.4142

■ 18.0950, 9.3202,
-2.7143

■ 241.7100, 6.5520,
-1.4997

■ 2.2970, 6.2626,
-2.0145

■ 0.0000, 0.0000,
0.0000

■ 108.5510, 11.0674,
-3.1142

■ 108.5510, 11.0674,
-3.1142

■ 97.0330, 16.7457,
-4.4139

■ 120.0690, 5.3890,
-1.8145

■ 86.1020, 22.1347,
-6.2285

■ 131.0000, 0.0000,
0.0000

■ 74.5840, 27.8131,
-7.5282

■ 142.5180, -5.6784,
1.2997

■ 63.6530, 33.2021,
-9.3427

■ 153.4490,
-11.0674, 3.1142

■ 51.8360, 39.0279,
-11.2572

■ 165.2660,
-16.8931, 5.0287

■ 40.3180, 44.7062,
-12.5569

■ 176.7840,
-22.5715, 6.3284

■ 29.3870, 50.0952,
-14.3714


■ 187.7150,
-27.9605, 8.1429

■ 17.8690, 55.7736,

■ 199.2330,

-15.6711

-33.6389, 9.4427

 210.1640,
-39.0279, 11.2572

Harmonies

Analogous

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



105.9300, 12.8525, -15.7246



108.5510, 11.0674, -3.1142



109.8900, 6.9562, 8.8665

Triad

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



108.5510, 11.0674, -3.1142



108.8900, -9.8058, 18.5135



103.4660, -0.2297, -19.7027

Complementary

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



108.5510, 11.0674, -3.1142



127.4490, -11.0674, 3.1142

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.



104.9250, -6.3720, -9.5812



108.5510, 11.0674, -3.1142



107.9770, -11.8207, 11.4212

Square

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



108.5510, 11.0674, -3.1142



109.5790, -4.7224, 21.4172



106.5520, -10.6251, 1.2699



102.8550, 6.4805, -25.3058

Rectangle

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



108.5510, 11.0674, -3.1142



110.1960, 2.8614, 15.6141



106.5520, -10.6251, 1.2699



103.6190, -2.2772, -16.3289

Sweetspot

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



108.5510, 11.0674, -3.1142



162.1400, 4.3680, -0.9998



123.1120, 3.3958, -15.8842



81.6840, 2.6208, -0.5999



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



108.5510, 11.0674, -3.1142



135.2610, 17.6193, -4.6139



111.5520, 9.5879, 4.7779



60.6840, 2.6208, -0.5999



17.7550, 55.3368, -15.5711



0.3420, 1.3104, -0.2999

Inverse Universe

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



112.8880, -3.3958, 15.8842



142.3730, -5.6069, 25.1059



124.4480, -9.5879, -4.7779



61.7940, -0.8844, 3.6887



39.4400, -16.9789, 79.4211



0.8970, -0.4422, 1.8443

Previews

White Background



This preview shows how the YUV color 108.5510, 11.0674, -3.1142 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 108.5510, 11.0674, -3.1142 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 108.5510, 11.0674, -3.1142

Background



This preview shows how black text looks on a background with the YUV color 108.5510, 11.0674, -3.1142.



This preview shows how white text looks on a background with the YUV color 108.5510, 11.0674, -3.1142.

-3.1142.

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

108.5510, 11.0674, -3.1142

Protanopia

108.3550, 11.6570, -5.5733

Deuteranopia

108.5620, 11.0619, -1.3699



Tritanopia

107.2320, 4.8156, -4.5885

Trichromacy



Original Color

108.5510, 11.0674, -3.1142

Protanomaly

108.6540, 11.5096, -4.9586

Deuteranomaly

108.2630, 11.2093, -1.9847

Tritanomaly

107.5140, 7.1416, -3.9588

Monochromacy



Original Color

108.5510, 11.0674, -3.1142

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

109.0260, 3.9312, -0.8998

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.5510, 11.0674, -3.1142 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(105, 106, 131)` looks like.

```
.text, #text, p{  
    color:rgb(105, 106, 131)  
}
```

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(105, 106, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 106, 131) }
```

Border

The CSS property to change the border of an element to YUV 108.5510, 11.0674, -3.1142 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(105, 106, 131) }
```


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

```
.border{ border-color:rgb(105, 106, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 106, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 106, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 106, 131);  
box-shadow:4px 4px 4px 4px rgb(105, 106,  
131) }
```

Background

The CSS property to change the background color of an element to YUV 108.5510, 11.0674, -3.1142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 106, 131) }
```

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

```
.background{ background-color: rgb(105,  
106, 131) }
```

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