

Converting Colors

YUV(108.3600, 10.6685,
-15.2247)

Have a look what the booklet for
YUV(108.3600, 10.6685, -15.2247)
contains.

YUV(108.3600, 10.6685, -15.2247)	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(108.3600, 10.6685,
-15.2247)**

Conversions

Conversions Part 1

Format	Color
Hex	5B7182
RGB	91, 113, 130
RGB Percent	36%, 44%, 51%
CMY	0.6431, 0.5569, 0.4902
CMYK	0.30, 0.13, 0.00, 0.49
HSL	206°, 18%, 43%
HSV	206°, 30%, 51%
XYZ	14.2488, 15.6461, 23.3881
YIQ	108.3600, -18.5690, 0.6230

Conversions

Conversions Part 2

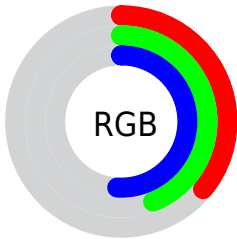
Format	Color
R_{YB}	91, 105, 130
Decimal	5992834
CIE _{Lab}	46.51, -3.81, -12.01
CIE _{LCh}	47, 12.598, 252.385
Yxy	15.6461, 0.2674, 0.2936
Android (android.graphics.Color)	4284182914 (0xFF5B7182)
YUV	108.3600, 10.6685, -15.2247
Hunter-Lab	39.5552, -4.9213, -7.3683

Details

The YUV color **108.3600, 10.6685, -15.2247** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **112.6400, -10.6685, 15.2247**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.1750, 11.2527, -15.9395**, and **60.2460, 10.2317, -15.1247** is the 20% darker color. If you saturate the color by 10%, you get **100.9510, 14.3212, -20.1280**, and if you desaturate by 10%, it is **115.7690, 7.0159, -10.3214**.

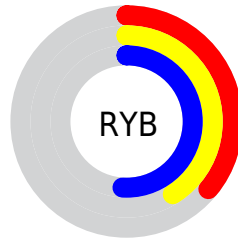
Distribution



 Red (36%)

 Green (44%)

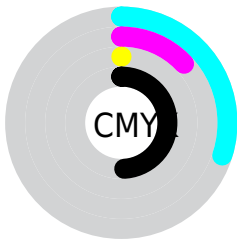
 Blue (51%)



 Red (36%)

 Yellow (41%)

 Blue (51%)

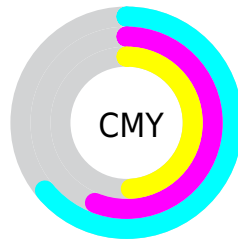


 Cyan (30%)

 Magenta (13%)

 Yellow (0%)

 Black (49%)



 Cyan (64%)

 Magenta (56%)

 Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 108.3600, 10.6685, -15.2247 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 108.3600, 10.6685, -15.2247 by changing the saturation by 10% instead.

■ 108.3600, 10.6685,
-15.2247

■ 108.3600, 10.6685,
-15.2247

■ 255.0000, 0.0000,
0.0000

■ 84.2460, 10.2317,
-15.1247

■ 160.1750, 11.2527,
-15.9395

■ 60.2460, 10.2317,
-15.1247

■ 187.2890, 11.6895,
-16.0395

■ 37.8330, 9.9423,
-15.6395

■ 214.9900, 11.8369,
-16.6542

■ 17.6050, 9.0687,
-15.4396

■ 241.6220, 6.5954,
-15.4545

■ 2.1830, 5.8258,
-1.9145

■ 254.4020, 0.2948,
-1.2296

■ 0.0000, 0.0000,
0.0000

■ 108.3600, 10.6685,
-15.2247

■ 108.3600, 10.6685,
-15.2247

■ 100.9510, 14.3212,
-20.1280

■ 115.7690, 7.0159,
-10.3214

■ 94.1290, 17.6844,
-25.5461

■ 122.5910, 3.6526,
-4.9033

■ 86.7200, 21.3370,
-30.4494

■ 130.0000, 0.0000,
0.0000

■ 79.3110, 24.9897,
-35.3527

■ 137.4090, -3.6526,
4.9033

■ 72.4890, 28.3529,
-40.7709

■ 144.2310, -7.0159,
10.3214

■ 65.0800, 32.0056,
-45.6742


■ 151.6400,
-10.6685, 15.2247

■ 57.6710, 35.6582,
-50.5775

■ 159.0490,
-14.3212, 20.1280

■ 165.8710,

-17.6844, 25.5461

 173.2800,
-21.3370, 30.4494

Harmonies

Analogous

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



106.4580, 8.6482, -20.5727



108.3600, 10.6685, -15.2247



110.6000, 10.0572, -5.7882

Triad

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



108.3600, 10.6685, -15.2247



112.0130, -2.9644, 17.5286



108.1320, -6.9671, -5.3778

Complementary

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



108.3600, 10.6685, -15.2247



112.6400, -10.6685, 15.2247

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.



109.5030, -9.6150, 3.9439



108.3600, 10.6685, -15.2247



111.1610, -7.4744, 17.3988

Square

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



108.3600, 10.6685, -15.2247



112.6580, 2.1406, 13.4549



110.1450, -9.9315, 12.1508



107.0430, -1.9932, -14.0697

Rectangle

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



108.3600, 10.6685, -15.2247



111.1880, 8.2883, 1.5891



110.1450, -9.9315, 12.1508



108.5130, -8.1409, -2.2039

Sweetspot

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



108.3600, 10.6685, -15.2247



159.9930, 3.9475, -6.1329



115.8310, -3.8607, -21.7768



78.9610, 2.4842, -3.4738



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



108.3600, 10.6685, -15.2247



134.7980, 16.3686, -23.5018



97.2070, 16.1669, -5.4435



60.1460, 1.9000, -2.7590



56.8560, 35.0740, -49.8627



0.0000, 0.0000, 0.0000

Inverse Universe

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



105.1690, 3.8607, 21.7768



129.8160, 6.0067, 33.4874



123.7930, -16.1669, 5.4435



59.5490, 0.7153, 3.9035



46.4800, 12.5814, 71.4930



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 108.3600, 10.6685, -15.2247 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 108.3600, 10.6685, -15.2247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

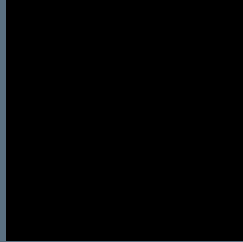
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

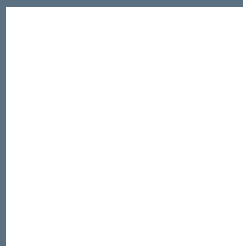
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 108.3600, 10.6685, -15.2247

Background



This preview shows how black text looks on a background with the YUV color 108.3600, 10.6685, -15.2247.



This preview shows how white text looks on a background with the YUV color 108.3600, 10.6685, -15.2247.

-15.2247.

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

108.3600, 10.6685, -15.2247

Protanopia

110.4540, 8.1572, -3.0292

Deuteranopia

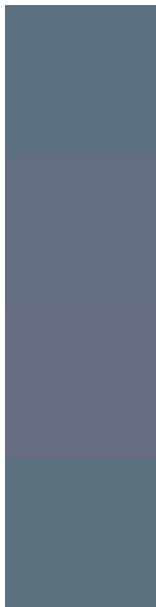
110.6330, 10.0409, -0.5551



Tritanopia

107.8500, 7.4690, -15.6544

Trichromacy



Original Color

108.3600, 10.6685, -15.2247

Protanomaly

109.3610, 9.1890, -7.3326

Deuteranomaly

109.7140, 10.4940, -5.8882

Tritanomaly

108.1920, 8.7793, -15.9544

Monochromacy



Original Color

108.3600, 10.6685, -15.2247

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

108.2920, 3.8000, -5.5181

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.3600, 10.6685, -15.2247 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(91, 113, 130)` looks like.

```
.text, #text, p{  
    color:rgb(91, 113, 130)  
}
```

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(91, 113, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 113, 130) }
```

Border

The CSS property to change the border of an element to YUV 108.3600, 10.6685, -15.2247 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(91, 113, 130) }
```


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

```
.border{ border-color:rgb(91, 113, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 113, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 113, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 113, 130);  
box-shadow:4px 4px 4px 4px rgb(91, 113,  
130) }
```

Background

The CSS property to change the background color of an element to YUV 108.3600, 10.6685, -15.2247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 113, 130) }
```

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

```
.background{ background-color: rgb(91, 113,  
130) }
```

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