

Converting Colors

YUV(108.3100, -53.3968,
93.5671)

Have a look what the booklet for
YUV(108.3100, -53.3968, 93.5671)
contains.

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Color

**YUV(108.3100, -53.3968,
93.5671)**

Conversions

Conversions Part 1

Format	Color
Hex	D74B00
RGB	215, 75, 0
RGB Percent	84%, 29%, 0%
CMY	0.1569, 0.7059, 1.0000
CMYK	0.00, 0.65, 1.00, 0.16
HSL	21°, 100%, 42%
HSV	21°, 100%, 84%
XYZ	30.5404, 19.4792, 2.1502
YIQ	108.3100, 107.5150, 6.3550

Conversions

Conversions Part 2

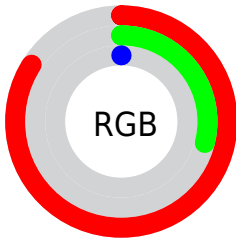
Format	Color
RYB	215, 115, 0
Decimal	14109440
CIELab	51.24, 52.62, 61.88
CIELCh	51, 81.228, 49.621
Yxy	19.4792, 0.5854, 0.3734
Android (android.graphics.Color)	4292299520 (0xFFD74B00)
YUV	108.3100, -53.3968, 93.5671
Hunter-Lab	44.1353, 46.2804, 28.0062

Details

The YUV color **108.3100, -53.3968, 93.5671** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **106.6900, 53.3968, -93.5671**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.5090, -48.5649, 83.7456**, and **50.4320, -24.8630, 88.1981** is the 20% darker color. If you saturate the color by 10%, you get **108.3100, -53.3968, 93.5671**, and if you desaturate by 10%, it is **118.9220, -48.2755, 84.2604**.

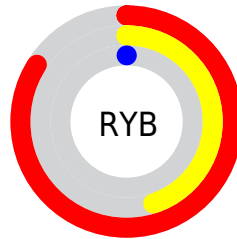
Distribution



Red (84%)

Green (29%)

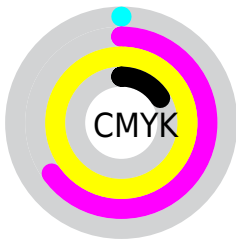
Blue (0%)



Red (84%)

Yellow (45%)

Blue (0%)

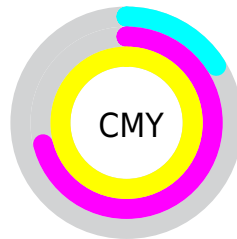


Cyan (0%)

Magenta (65%)

Yellow (100%)

Black (16%)



Cyan (16%)


Magenta (71%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YUV color 108.3100, -53.3968, 93.5671 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 108.3100, -53.3968, 93.5671 by changing the saturation by 10% instead.


 108.3100,
-53.3968, 93.5671


 108.3100,
-53.3968, 93.5671


254.6580, -1.3104,
0.2999


 82.3060, -40.5769,
88.3086


 159.5090,
-48.5649, 83.7456


 50.4320, -24.8630,
88.1981


 178.3220,
-45.0217, 67.2466


 35.8800, -17.6888,
73.7732


 197.7220,
-41.7679, 50.2328

 26.9100, -13.2666,
55.3299

 217.7090,
-38.8035, 32.7042

 18.7660, -8.2656,
37.9162

 237.9240,
-34.9655, 14.9757


 8.4860, -3.6906,
17.1138


 248.1600,

 0.0000, 0.0000,


-26.2079, 5.9987

0.0000

 251.3520,
-13.9775, 3.1993


 108.3100,
-53.3968, 93.5671

 118.9220,
-48.2755, 84.2604

 129.6480,
-42.7175, 74.8537

 140.3740,
-37.1594, 65.4470

 150.9860,
-32.0381, 56.1403

 161.7120,
-26.4800, 46.7336

■ 172.3240,
-21.3587, 37.4269

■ 183.0500,
-15.8006, 28.0202

■ 193.6620,
-10.6794, 18.7134

■ 204.3880, -5.1213,
9.3067

Harmonies

Analogous

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



92.4350, -5.6375, 128.5375



108.3100, -53.3968, 93.5671



115.3890, -56.8868, 46.1398

Triad

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



108.3100, -53.3968, 93.5671



98.8800, -1.9128, -86.7178



99.2660, 76.7769, -79.1633

Complementary

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



108.3100, -53.3968, 93.5671



106.6900, 53.3968, -93.5671

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.



110.0760, 71.4475, -96.5367



108.3100, -53.3968, 93.5671



107.6750, 29.2472, -94.4310

Square

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



108.3100, -53.3968, 93.5671



85.2120, -39.0515, -74.7309



113.4550, 56.4707, -99.5000



122.1160, 44.8058, 49.0103

Rectangle

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



108.3100, -53.3968, 93.5671



112.2340, -55.3314, 13.8268



113.4550, 56.4707, -99.5000



101.8580, 75.4990, -89.3295

Sweetspot

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



108.3100, -53.3968, 93.5671



216.9860, -18.7271, 33.3383



80.5870, 30.7696, 117.8802



105.1460, -11.4110, 20.0430



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



108.3100, -53.3968, 93.5671



128.4880, -63.3446, 110.9510



169.3580, -83.4935, 40.0280



101.6370, -2.7790, 4.7034



86.3490, -42.5701, 74.2389



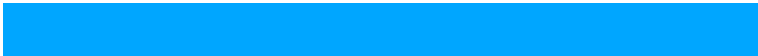
21.6620, -10.6794, 18.7134

Inverse Universe

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



106.6900, 53.3968, -93.5671



126.5120, 63.3446, -110.9510



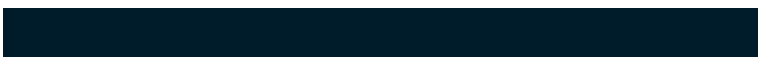
45.6420, 83.4935, -40.0280



101.3630, 2.7790, -4.7034



84.6510, 42.5701, -74.2389



21.3380, 10.6794, -18.7134

Previews

White Background



This preview shows how the YUV color 108.3100, -53.3968, 93.5671 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 108.3100, -53.3968, 93.5671 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 108.3100, -53.3968, 93.5671

Background



This preview shows how black text looks on a background with the YUV color 108.3100, -53.3968, 93.5671.



This preview shows how white text looks on a background with the YUV color 108.3100, -53.3968, 93.5671.

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

108.3100, -53.3968, 93.5671

Protanopia

115.9710, -46.3277, 19.3194

Deuteranopia

115.0240, -56.7068, 35.0590



Tritanopia

114.1100, -19.7742, 89.3575

Trichromacy



Original Color

108.3100, -53.3968, 93.5671

Protanomaly

113.4520, -49.0298, 46.0846

Deuteranomaly

112.7970, -55.6089, 56.3060

Tritanomaly

112.2060, -32.1466, 91.0273

Monochromacy



Original Color

108.3100, -53.3968, 93.5671

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

108.1710, -19.3113, 34.0530

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.3100, -53.3968, 93.5671 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(215, 75, 0)` looks like.

```
.text, #text, p{  
    color:rgb(215, 75, 0)  
}
```

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(215, 75, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 75, 0) }
```

Border

The CSS property to change the border of an element to YUV 108.3100, -53.3968, 93.5671 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(215, 75, 0) }
```


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

```
.border{ border-color:rgb(215, 75, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 75, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 75, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 75, 0);  
box-shadow:4px 4px 4px 4px rgb(215, 75, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 108.3100, -53.3968, 93.5671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 75, 0) }
```

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

```
.background{ background-color: rgb(215, 75,  
0) }
```

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](#).

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