

Converting Colors

YUV(148.7270, -53.1094,
1.1164)

Have a look what the booklet for
YUV(148.7270, -53.1094, 1.1164)
contains.

YUV(148.7270, -53.1094, 1.1164)	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(148.7270, -53.1094,
1.1164)**

Conversions

Conversions Part 1

Format	Color
Hex	96A929
RGB	150, 169, 41
RGB Percent	59%, 66%, 16%
CMY	0.4118, 0.3373, 0.8392
CMYK	0.11, 0.00, 0.76, 0.34
HSL	69°, 61%, 41%
HSV	69°, 76%, 66%
XYZ	27.1659, 35.0201, 7.4256
YIQ	148.7270, 29.7640, -43.8360

Conversions

Conversions Part 2

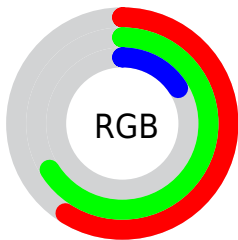
Format	Color
RYB	41, 169, 60
Decimal	9873705
CIELab	65.76, -23.08, 59.26
CIELCh	66, 63.595, 111.276
Yxy	35.0201, 0.3902, 0.5031
Android (android.graphics.Color)	4288063785 (0xFF96A929)
YUV	148.7270, -53.1094, 1.1164
Hunter-Lab	59.1777, -21.6196, 33.9848

Details

The YUV color **148.7270, -53.1094, 1.1164** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **61.2730, 53.1094, -1.1164**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.4390, -52.9674, 2.2460**, and **97.0840, -47.8624, -1.8277** is the 20% darker color. If you saturate the color by 10%, you get **145.8920, -60.0928, 0.9717**, and if you desaturate by 10%, it is **151.5620, -46.1261, 1.2611**.

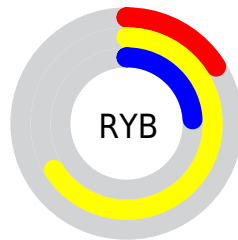
Distribution



Red (59%)

Green (66%)

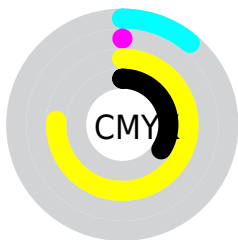
Blue (16%)



Red (16%)

Yellow (66%)

Blue (24%)

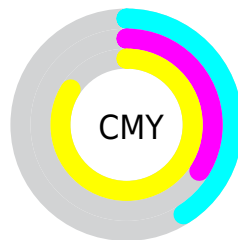


Cyan (11%)

Magenta (0%)

Yellow (76%)

Black (34%)



Cyan (41%)

Magenta (34%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.7270, -53.1094, 1.1164 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 148.7270, -53.1094, 1.1164 by changing the saturation by 10% instead.

■ 148.7270,
-53.1094, 1.1164

■ 148.7270,
-53.1094, 1.1164

■ 255.0000, 0.0000,
0.0000

■ 120.5330,
-58.9298, 1.2866

■ 204.4390,
-52.9674, 2.2460

■ 97.0840, -47.8624,
-1.8277

■ 233.2110,
-53.8410, 2.4460

■ 74.6350, -36.7951,
-4.9419

■ 243.1440,
-45.4270, 10.3977

■ 53.0610, -26.1591,
-9.7005

■ 246.3360,
-33.1966, 7.5983

■ 31.4870, -15.5231,
-14.4591

■ 249.5280,
-20.9663, 4.7989

■ 16.4360, -8.1029,
-14.4144

■ 252.8340, -8.2992,

■ 0.0000, 0.0000,

1.8996

0.0000

■ 148.7270,
-53.1094, 1.1164

■ 148.7270,
-53.1094, 1.1164

■ 145.8920,
-60.0928, 0.9717

■ 151.5620,
-46.1261, 1.2611

■ 143.3560,
-67.2235, 1.4418

■ 154.0980,
-38.9953, 0.7911

■ 142.2590,
-70.1337, 1.5269

■ 156.9330,
-32.0120, 0.9358

■ 159.4690,
-24.8812, 0.4657

■ 162.1900,
-18.3347, 0.7104

■ 164.7260,
-11.2039, 0.2403

■ 167.5610, -4.2206,
0.3850

■ 170.0970, 2.9102,
-0.0851

■ 172.9320, 9.8935,
0.0596

Harmonies

Analogous

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



153.4380, -57.8969, 43.4659



148.7270, -53.1094, 1.1164



138.5580, -26.8971, -53.1094

Triad

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



148.7270, -53.1094, 1.1164



135.6930, 55.3674, -119.0028



159.7480, 9.4912, 82.6590

Complementary

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



148.7270, -53.1094, 1.1164



61.2730, 53.1094, -1.1164

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.



164.6840, 33.1868, 42.3731



148.7270, -53.1094, 1.1164



129.4470, 61.8976, -113.5250

Square

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



148.7270, -53.1094, 1.1164



132.5690, 33.2435, -116.2630



157.1640, 48.2331, -23.8228



154.1360, -15.8430, 88.4577

Rectangle

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



148.7270, -53.1094, 1.1164



122.3890, -0.6848, -107.3352



157.1640, 48.2331, -23.8228



161.2720, 18.1069, 72.5525

Sweetspot

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



148.7270, -53.1094, 1.1164



211.2070, -20.8081, 0.6955



89.2510, -23.7877, 69.9399



104.9710, -12.8037, 0.0254



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



148.7270, -53.1094, 1.1164



187.6430, -82.6480, 2.0671



130.1890, -43.9702, -36.9998



82.7890, -3.3470, 0.1850



124.5500, -61.4031, 1.2717



16.8230, -8.2937, 0.1552

Inverse Universe

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



61.2730, 53.1094, -1.1164



51.3570, 82.6480, -2.0671



79.8110, 43.9702, 36.9998



77.2110, 3.3470, -0.1850



23.4500, 61.4031, -1.2716



3.1770, 8.2937, -0.1552

Previews

White Background



This preview shows how the YUV color 148.7270, -53.1094, 1.1164 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 148.7270, -53.1094, 1.1164 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 ✓ Pass

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

YUV 148.7270, -53.1094, 1.1164 Background



This preview shows how black text looks on a background with the YUV color 148.7270, -53.1094, 1.1164.



This preview shows how white text looks on a background with the YUV color 148.7270, -53.1094, 1.1164.

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

148.7270, -53.1094, 1.1164

Protanopia

151.8870, -55.6533, 23.7781

Deuteranopia

154.0230, -51.7763, 40.3218



Tritanopia

160.5640, 4.6519, 1.2594

Trichromacy



Original Color

148.7270, -53.1094, 1.1164

Protanomaly

150.4730, -54.4632, 15.3712

Deuteranomaly

152.4080, -52.4591, 25.9522

Tritanomaly

156.3580, -16.4455, 1.4400

Monochromacy



Original Color

148.7270, -53.1094, 1.1164

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

148.6630, -19.0609, 0.2955

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.7270, -53.1094, 1.1164 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(150, 169, 41)` looks like.

```
.text, #text, p{  
    color:rgb(150, 169, 41)  
}
```

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(150, 169, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 169, 41) }
```

Border

The CSS property to change the border of an element to YUV 148.7270, -53.1094, 1.1164 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(150, 169, 41) }
```


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

```
.border{ border-color:rgb(150, 169, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 169, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 169, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 169, 41);  
box-shadow:4px 4px 4px 4px rgb(150, 169,  
41) }
```

Background

The CSS property to change the background color of an element to YUV 148.7270, -53.1094, 1.1164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 169, 41) }
```

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

```
.background{ background-color: rgb(150,  
169, 41) }
```

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