

Converting Colors

YUV(137.2800, 15.1450,
-51.1116)

Have a look what the booklet for
YUV(137.2800, 15.1450, -51.1116)
contains.

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Color

**YUV(137.2800, 15.1450,
-51.1116)**

Conversions

Conversions Part 1

Format	Color
Hex	4FA1A8
RGB	79, 161, 168
RGB Percent	31%, 63%, 66%
CMY	0.6902, 0.3686, 0.3412
CMYK	0.53, 0.04, 0.00, 0.34
HSL	185°, 36%, 48%
HSV	185°, 53%, 66%
XYZ	23.0372, 29.9792, 41.6182
YIQ	137.2800, -51.1190, -15.2070

Conversions

Conversions Part 2

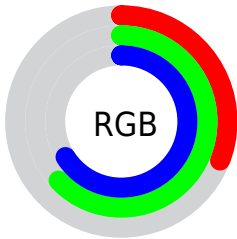
Format	Color
RYB	79, 122, 168
Decimal	5218728
CIELab	61.64, -22.89, -11.29
CIELCh	62, 25.526, 206.251
Yxy	29.9792, 0.2434, 0.3168
Android (android.graphics.Color)	4283408808 (0xFF4FA1A8)
YUV	137.2800, 15.1450, -51.1116
Hunter-Lab	54.7532, -20.7150, -6.7393

Details

The YUV color **137.2800, 15.1450, -51.1116** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **109.7200, -15.1450, 51.1116**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.5790, 14.9976, -50.4968**, and **79.3000, 18.0931, -63.4071** is the 20% darker color. If you saturate the color by 10%, you get **131.6100, 17.9403, -61.0480**, and if you desaturate by 10%, it is **142.9500, 12.3497, -41.1751**.

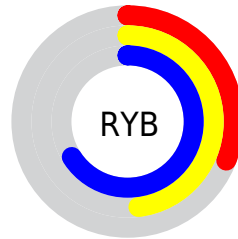
Distribution



Red (31%)

Green (63%)

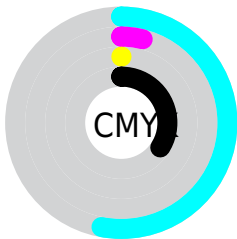
Blue (66%)



Red (31%)

Yellow (48%)

Blue (66%)

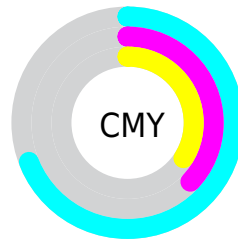


Cyan (53%)

Magenta (4%)

Yellow (0%)

Black (34%)



Cyan (69%)

Magenta (37%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.2800, 15.1450, -51.1116 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 137.2800, 15.1450, -51.1116 by changing the saturation by 10% instead.

■ 137.2800, 15.1450,
-51.1116

■ 137.2800, 15.1450,
-51.1116

■ 255.0000, 0.0000,
0.0000

■ 110.0840, 15.7346,
-53.5707

■ 192.5790, 14.9976,
-50.4968

■ 79.3000, 18.0931,
-63.4071

■ 221.2800, 15.1450,
-51.1116

■ 60.2690, 15.1504,
-52.8559

■ 236.1630, 9.2866,
-38.7310

■ 43.5590, 12.0494,
-38.2012

■ 244.8340, 5.0118,
-20.9024

■ 28.1370, 8.8065,
-24.6761

■ 253.8040, 0.5896,
-2.4591

■ 10.0080, 7.8841,
-8.7770

■ 0.0000, 0.0000,

0.0000

■ 137.2800, 15.1450,
-51.1116

■ 137.2800, 15.1450,
-51.1116

■ 131.6100, 17.9403,
-61.0480

■ 142.9500, 12.3497,
-41.1751

■ 125.3530, 21.0250,
-70.4696

■ 149.2070, 9.2649,
-31.7535

■ 119.9820, 23.6729,
-79.7912

■ 154.5780, 6.6170,
-22.4319

■ 114.3120, 26.4682,
-89.7276

■ 160.2480, 3.8217,
-12.4955

■ 110.1370, 28.5265,
-96.5901

■ 166.5050, 0.7370,
-3.0739

■ 172.1750, -2.0583,
6.8625

■ 177.8450, -4.8536,
16.7989

■ 183.8030, -7.7909,
25.6058

■ 189.4730,
-10.5862, 35.5422

Harmonies

Analogous

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



138.8440, 3.0349, -40.2052



137.2800, 15.1450, -51.1116



140.2620, 22.5488, -45.8338

Triad

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



137.2800, 15.1450, -51.1116



152.5800, 10.5601, 19.6623



147.7900, -21.5885, 17.7242

Complementary

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



137.2800, 15.1450, -51.1116



109.7200, -15.1450, 51.1116

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.



149.6760, -18.5743, 30.9791



137.2800, 15.1450, -51.1116



152.0350, 0.4757, 34.1723

Square

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



137.2800, 15.1450, -51.1116



150.3260, 19.0663, -2.0399



150.8970, -10.3022, 37.8013



145.7660, -18.6186, -1.5488

Rectangle

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



137.2800, 15.1450, -51.1116



143.6810, 23.8213, -33.9232



150.8970, -10.3022, 37.8013



148.5240, -21.4573, 22.3425

Sweetspot

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



137.2800, 15.1450, -51.1116



207.3610, 5.7380, -20.4876



131.9270, -23.1350, -46.4170



102.5470, 3.6743, -11.8807



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.



137.2800, 15.1450, -51.1116



170.6830, 23.8203, -80.4060



112.0390, 27.5888, -28.9752



81.0210, 1.4686, -4.4034



96.7040, 25.2889, -84.8094



13.4330, 3.2375, -11.7807

Inverse Universe

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



114.9590, 22.6982, 46.5170



135.5660, 35.7100, 73.1716



134.9610, -27.5888, 28.9752



79.1900, 1.8783, 4.2184



59.7560, 37.5883, 77.3900



8.1460, 5.3510, 10.3960

Previews

White Background



This preview shows how the YUV color 137.2800, 15.1450, -51.1116 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 137.2800, 15.1450, -51.1116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

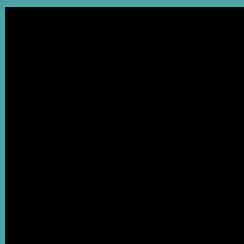
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

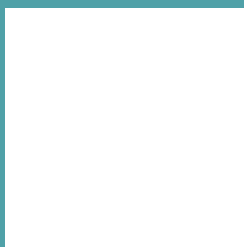
Any Text WCAG AAA ✓ Pass

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

YUV 137.2800, 15.1450, -51.1116 Background



This preview shows how black text looks on a background with the YUV color 137.2800, 15.1450, -51.1116.

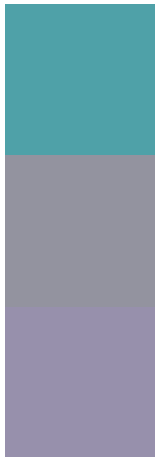


This preview shows how white text looks on a background with the YUV color 137.2800, 15.1450,

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

137.2800, 15.1450, -51.1116

Protanopia

148.3680, 5.2416, -1.1997

Deuteranopia

149.2850, 11.1985, 1.5041



Tritanopia

137.8610, 17.3235, -49.8671

Trichromacy



Original Color

137.2800, 15.1450, -51.1116

Protanomaly

144.1700, 8.7902, -19.4431

Deuteranomaly

144.9190, 12.8579, -17.4690

Tritanomaly

137.3340, 16.5973, -50.2819

Monochromacy



Original Color

137.2800, 15.1450, -51.1116

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

137.2580, 5.2958, -18.6433

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.2800, 15.1450, -51.1116 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(79, 161, 168)` looks like.

```
.text, #text, p{  
    color:rgb(79, 161, 168)  
}
```

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(79, 161, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 161, 168) }
```

Border

The CSS property to change the border of an element to YUV 137.2800, 15.1450, -51.1116 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(79, 161, 168) }
```


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

```
.border{ border-color:rgb(79, 161, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 161, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 161, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 161, 168);  
box-shadow:4px 4px 4px 4px rgb(79, 161,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 137.2800, 15.1450, -51.1116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 161, 168) }
```

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

```
.background{ background-color: rgb(79, 161,  
168) }
```

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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