

Converting Colors

YUV(137.5940, 5.6232,
-30.3389)

Have a look what the booklet for
YUV(137.5940, 5.6232, -30.3389)
contains.

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Color

**YUV(137.5940, 5.6232,
-30.3389)**

Conversions

Conversions Part 1

Format	Color
Hex	679995
RGB	103, 153, 149
RGB Percent	40%, 60%, 58%
CMY	0.5961, 0.4000, 0.4157
CMYK	0.33, 0.00, 0.03, 0.40
HSL	175°, 20%, 50%
HSV	175°, 33%, 60%
XYZ	22.4096, 27.8360, 32.6255
YIQ	137.5940, -28.5160, -11.8440

Conversions

Conversions Part 2

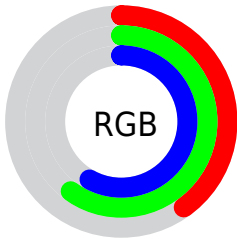
Format	Color
RYB	103, 129, 153
Decimal	6789525
CIELab	59.74, -17.58, -3.25
CIELCh	60, 17.875, 190.463
Yxy	27.8360, 0.2704, 0.3359
Android (android.graphics.Color)	4284979605 (0xFF679995)
YUV	137.5940, 5.6232, -30.3389
Hunter-Lab	52.7598, -16.5123, 0.2682

Details

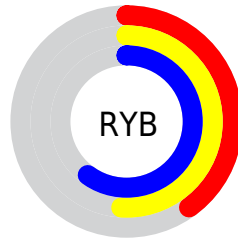
The YUV color **137.5940, 5.6232, -30.3389** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **118.4060, -5.6232, 30.3389**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.2950, 5.7706, -30.9537**, and **86.8930, 5.4758, -29.7242** is the 20% darker color. If you saturate the color by 10%, you get **132.9950, 7.3975, -39.4606**, and if you desaturate by 10%, it is **142.1930, 3.8489, -21.2173**.

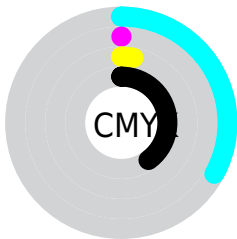
Distribution



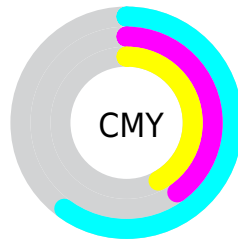
- Red (40%)
- Green (60%)
- Blue (58%)



- Red (40%)
- Yellow (51%)
- Blue (60%)



- Cyan (33%)
- Magenta (0%)
- Yellow (3%)
- Black (40%)



- Cyan (60%)
- Magenta (40%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.5940, 5.6232, -30.3389 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 137.5940, 5.6232, -30.3389 by changing the saturation by 10% instead.

■ 137.5940, 5.6232,
-30.3389

■ 137.5940, 5.6232,
-30.3389

■ 255.0000, 0.0000,
0.0000

■ 111.8930, 5.4758,
-29.7242

■ 191.2950, 5.7706,
-30.9537

■ 86.8930, 5.4758,
-29.7242

■ 219.5830, 5.6286,
-32.0833

■ 62.4090, 6.2074,
-31.0537

■ 241.8440, 6.4859,
-27.0502

■ 38.2130, 6.7970,
-33.5128

■ 250.5150, 2.2111,
-9.2217

■ 22.9050, 3.9908,
-20.0877

■ 0.7980, 3.0576,
-0.6998

■ 0.0000, 0.0000,

0.0000

■ 137.5940, 5.6232,
-30.3389

■ 137.5940, 5.6232,
-30.3389

■ 132.9950, 7.3975,
-39.4606

■ 142.1930, 3.8489,
-21.2173

■ 128.0970, 9.3192,
-49.1971

■ 147.0910, 1.9271,
-11.4808

■ 123.3840, 10.6567,
-58.2188

■ 151.8040, 0.5896,
-2.4591

■ 118.7850, 12.4310,
-67.3404

■ 156.4030, -1.1847,
6.6626

■ 114.1860, 14.2053,
-76.4621

■ 161.3010, -3.1064,
16.3990

■ 109.2880, 16.1270,
-86.1986

■ 165.9000, -4.8807,
25.5207

■ 105.8850, 17.3117,
-92.8611

■ 170.6130, -6.2182,
34.5424

■ 175.2120, -7.9925,
43.6641

■ 180.1100, -9.9142,
53.4005

Harmonies

Analogous

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



138.7710, -2.8451, -20.8472



137.5940, 5.6232, -30.3389



138.4180, 12.6119, -31.9386

Triad

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



137.5940, 5.6232, -30.3389



145.9050, 10.8928, 6.2223



144.0380, -14.3157, 18.3837

Complementary

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



137.5940, 5.6232, -30.3389



118.4060, -5.6232, 30.3389

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.



145.7060, -10.7011, 25.6908



137.5940, 5.6232, -30.3389



146.8590, 4.0135, 19.4177

Square

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



137.5940, 5.6232, -30.3389



143.6580, 15.4516, -9.3471



146.5410, -3.7177, 25.8355



142.8470, -14.7146, 6.2732

Rectangle

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



137.5940, 5.6232, -30.3389



139.8360, 15.3639, -27.9202



146.5410, -3.7177, 25.8355



144.8750, -13.7424, 21.1576

Sweetspot

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



137.5940, 5.6232, -30.3389



192.7920, 2.0745, -12.0956



133.5460, -15.0592, -23.2808



95.5970, 1.1847, -6.6626



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



137.5940, 5.6232, -30.3389



174.9940, 8.8770, -47.3527



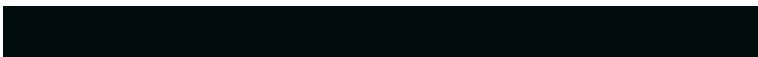
125.7230, 13.4476, -19.9281



74.4940, 0.7425, -4.8182



96.8860, 15.8322, -84.9690



8.9990, 1.4795, -7.8921

Inverse Universe

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



118.4060, -5.6232, 30.3389



145.1200, -8.4402, 47.2528



130.2770, -13.4476, 19.9281



71.3920, -1.1793, 4.9182



43.1140, -15.8322, 84.9690



4.0010, -1.4795, 7.8921

Previews

White Background



This preview shows how the YUV color 137.5940, 5.6232, -30.3389 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 137.5940, 5.6232, -30.3389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

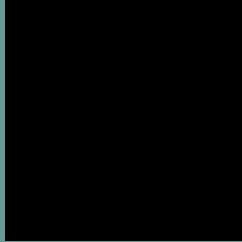
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 137.5940, 5.6232, -30.3389

Background



This preview shows how black text looks on a background with the YUV color 137.5940, 5.6232, -30.3389.

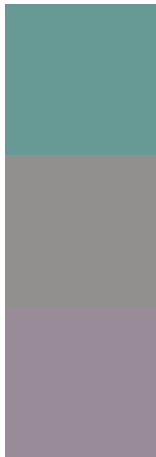


This preview shows how white text looks on a background with the YUV color 137.5940, 5.6232, -30.3389.

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

137.5940, 5.6232, -30.3389

Protanopia

143.8970, -0.4422, 1.8443

Deuteranopia

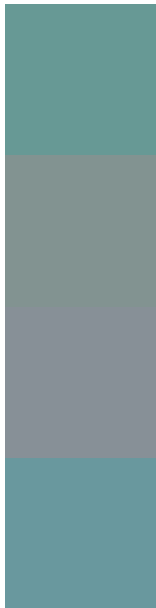
144.6680, 3.6147, 7.3072



Tritanopia

138.9130, 11.8749, -28.8647

Trichromacy



Original Color

137.5940, 5.6232, -30.3389

Protanomaly

141.6890, 1.6323, -10.2513

Deuteranomaly

142.1070, 4.3842, -6.2328

Tritanomaly

138.6310, 9.5489, -29.4944

Monochromacy



Original Color

137.5940, 5.6232, -30.3389

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

137.5040, 2.2165, -10.9660

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.5940, 5.6232, -30.3389 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(103, 153, 149)` looks like.

```
.text, #text, p{  
    color:rgb(103, 153, 149)  
}
```

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(103, 153, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 153, 149) }
```

Border

The CSS property to change the border of an element to YUV 137.5940, 5.6232, -30.3389 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(103, 153, 149) }
```


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

```
.border{ border-color:rgb(103, 153, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 153, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 153, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 153, 149);  
box-shadow:4px 4px 4px 4px rgb(103, 153,  
149) }
```

Background

The CSS property to change the background color of an element to YUV 137.5940, 5.6232, -30.3389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 153, 149) }
```

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

```
.background{ background-color: rgb(103,  
153, 149) }
```

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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