

Converting Colors

YUV(137.3240, 15.1233,
-44.1341)

Have a look what the booklet for
YUV(137.3240, 15.1233, -44.1341)
contains.

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Color

**YUV(137.3240, 15.1233,
-44.1341)**

Conversions

Conversions Part 1

Format	Color
Hex	579DA8
RGB	87, 157, 168
RGB Percent	34%, 62%, 66%
CMY	0.6588, 0.3843, 0.3412
CMYK	0.48, 0.07, 0.00, 0.34
HSL	188°, 32%, 50%
HSV	188°, 48%, 66%
XYZ	23.0553, 28.9673, 41.4219
YIQ	137.3240, -45.2510, -11.4190

Conversions

Conversions Part 2

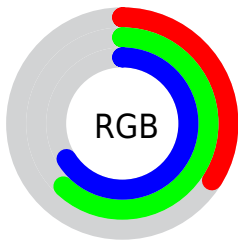
Format	Color
R_{YB}	87, 125, 168
Decimal	5741992
CIE _{Lab}	60.75, -19.00, -12.58
CIE _{LCh}	61, 22.793, 213.514
Yxy	28.9673, 0.2467, 0.3100
Android (android.graphics.Color)	4283932072 (0xFF579DA8)
YUV	137.3240, 15.1233, -44.1341
Hunter-Lab	53.8213, -17.7236, -7.9558

Details

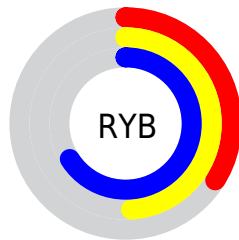
The YUV color **137.3240, 15.1233, -44.1341** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **117.6760, -15.1233, 44.1341**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.3240, 15.1233, -44.1341**, and **83.2310, 16.1551, -48.4376** is the 20% darker color. If you saturate the color by 10%, you get **131.0670, 18.2080, -53.5558**, and if you desaturate by 10%, it is **143.5810, 12.0386, -34.7125**.

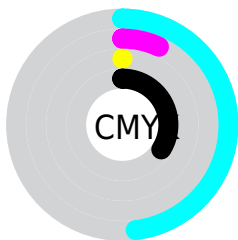
Distribution



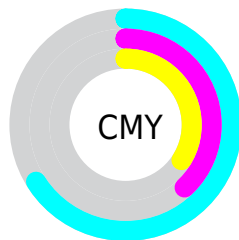
- Red (34%)
- Green (62%)
- Blue (66%)



- Red (34%)
- Yellow (49%)
- Blue (66%)



- Cyan (48%)
- Magenta (7%)
- Yellow (0%)
- Black (34%)



- Cyan (66%)
- Magenta (38%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.3240, 15.1233, -44.1341 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 137.3240, 15.1233, -44.1341 by changing the saturation by 10% instead.

■ 137.3240, 15.1233,
-44.1341

■ 137.3240, 15.1233,
-44.1341

■ 255.0000, 0.0000,
0.0000

■ 110.7260, 15.4181,
-45.3637

■ 192.3240, 15.1233,
-44.1341

■ 83.2310, 16.1551,
-48.4376

■ 220.4380, 15.5601,
-44.2341

■ 57.9210, 16.3079,
-50.7967

■ 237.9570, 8.4022,
-35.0423

■ 41.7980, 12.9176,
-36.6568

■ 246.6280, 4.1274,
-17.2138

■ 26.3760, 9.6746,
-23.1318

■ 6.4860, 9.6204,
-5.6882

■ 0.0000, 0.0000,

0.0000

■ 137.3240, 15.1233,
-44.1341

■ 137.3240, 15.1233,
-44.1341

■ 131.0670, 18.2080,
-53.5558

■ 143.5810, 12.0386,
-34.7125

■ 124.2230, 21.5821,
-62.4626

■ 150.4250, 8.6645,
-25.8057

■ 118.2650, 24.5194,
-71.2694

■ 156.3830, 5.7272,
-16.9989

■ 112.0080, 27.6041,
-80.6910

■ 162.6400, 2.6425,
-7.5773

■ 105.7510, 30.6888,
-90.1126

■ 168.8970, -0.4422,
1.8443

■ 104.2670, 31.4204,
-91.4422

■ 175.7410, -3.8163,
10.7511

■ 181.9980, -6.9010,
20.1728

■ 187.9560, -9.8383,
28.9796

■ 194.8000,
-13.2124, 37.8864

Harmonies

Analogous

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



137.7240, 5.0661, -38.3459



137.3240, 15.1233, -44.1341



140.1600, 20.6271, -36.0973

Triad

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



137.3240, 15.1233, -44.1341



150.3800, 7.2077, 21.5917



145.3270, -19.3882, 11.9912

Complementary

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



137.3240, 15.1233, -44.1341



117.6760, -15.1233, 44.1341

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.



146.8710, -17.6844, 25.5461



137.3240, 15.1233, -44.1341



149.6280, -2.2816, 31.8982

Square

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



137.3240, 15.1233, -44.1341



149.0340, 15.2662, 3.4782



148.5220, -11.5963, 32.8682



143.0690, -14.8240, -5.3225

Rectangle

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



137.3240, 15.1233, -44.1341



143.9380, 20.7366, -24.5016



148.5220, -11.5963, 32.8682



146.0610, -19.2571, 16.6095

Sweetspot

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



137.3240, 15.1233, -44.1341



207.6820, 5.5798, -16.3841



135.8010, -18.6359, -42.7985



102.5580, 3.6689, -10.1364



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.



137.3240, 15.1233, -44.1341



171.0480, 23.6403, -69.3251



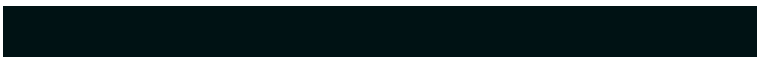
113.8440, 26.6989, -23.5422



81.0210, 1.4686, -4.4034



92.0080, 27.6041, -80.6910



12.8460, 3.5269, -11.2659

Inverse Universe

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



119.1990, 18.6359, 42.7985



142.5130, 29.3271, 67.0791



141.1560, -26.6989, 23.5422



79.1900, 1.8783, 4.2184



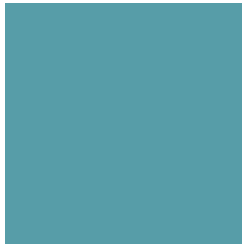
58.8440, 34.0939, 78.1898



8.0320, 4.9142, 10.4959

Previews

White Background



This preview shows how the YUV color 137.3240, 15.1233, -44.1341 looks on a white background.

Color Contrast Check

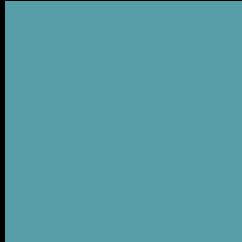
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.3240, 15.1233, -44.1341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

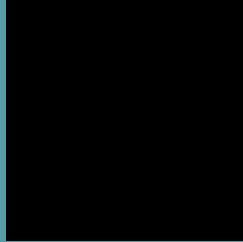
Any Text WCAG AA ✓ Pass

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 137.3240, 15.1233, -44.1341 Background



This preview shows how black text looks on a background with the YUV color 137.3240, 15.1233, -44.1341.



This preview shows how white text looks on a background with the YUV color 137.3240, 15.1233, -44.1341.

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

137.3240, 15.1233, -44.1341

Protanopia

146.4110, 6.6994, -2.1144

Deuteranopia

147.1000, 11.7827, 0.7893



Tritanopia

137.4380, 15.5601, -44.2341

Trichromacy



Original Color

137.3240, 15.1233, -44.1341

Protanomaly

142.8220, 9.9478, -17.3839

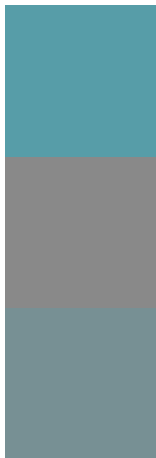
Deuteranomaly

143.3430, 13.1419, -15.2098

Tritanomaly

137.4380, 15.5601, -44.2341

Monochromacy



Original Color

137.3240, 15.1233, -44.1341

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

136.9810, 5.4324, -15.7693

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.3240, 15.1233, -44.1341 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(87, 157, 168)` looks like.

```
.text, #text, p{  
    color:rgb(87, 157, 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(87, 157, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 157, 168) }
```

Border

The CSS property to change the border of an element to YUV 137.3240, 15.1233, -44.1341 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(87, 157, 168) }
```


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

```
.border{ border-color:rgb(87, 157, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 157, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 157, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 157, 168);  
box-shadow:4px 4px 4px 4px rgb(87, 157,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 137.3240, 15.1233, -44.1341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 157, 168) }
```

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

```
.background{ background-color: rgb(87, 157,  
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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