

Converting Colors

YUV(142.0310, 16.2537,
-33.3532)

Have a look what the booklet for
YUV(142.0310, 16.2537, -33.3532)
contains.

YUV(142.0310, 16.2537, -33.3532)	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(142.0310, 16.2537,
-33.3532)**

Conversions

Conversions Part 1

Format	Color
Hex	689BAF
RGB	104, 155, 175
RGB Percent	41%, 61%, 69%
CMY	0.5922, 0.3922, 0.3137
CMYK	0.41, 0.11, 0.00, 0.31
HSL	197°, 31%, 55%
HSV	197°, 41%, 69%
XYZ	25.1681, 29.4809, 44.9213
YIQ	142.0310, -36.8160, -4.5920

Conversions

Conversions Part 2

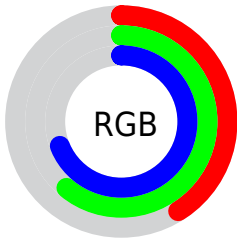
Format	Color
RYB	104, 134, 175
Decimal	6855599
CIELab	61.20, -11.70, -15.78
CIElCh	61, 19.642, 233.445
Yxy	29.4809, 0.2528, 0.2961
Android (android.graphics.Color)	4285045679 (0xFF689BAF)
YUV	142.0310, 16.2537, -33.3532
Hunter-Lab	54.2963, -12.2779, -11.0454

Details

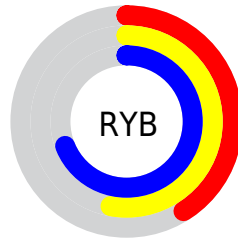
The YUV color **142.0310, 16.2537, -33.3532** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **136.9690, -16.2537, 33.3532**, and the grayscale version is **142.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.2590, 17.1273, -33.5531**, and **90.3190, 16.1117, -34.4828** is the 20% darker color. If you saturate the color by 10%, you get **133.7140, 20.3540, -41.8452**, and if you desaturate by 10%, it is **150.0490, 12.3008, -25.4760**.

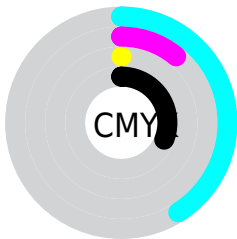
Distribution



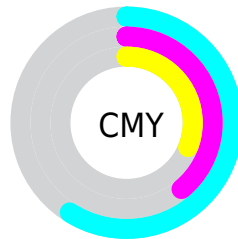
- Red (41%)
- Green (61%)
- Blue (69%)



- Red (41%)
- Yellow (53%)
- Blue (69%)



- Cyan (41%)
- Magenta (11%)
- Yellow (0%)
- Black (31%)



- Cyan (59%)
- Magenta (39%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.0310, 16.2537, -33.3532 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 142.0310, 16.2537, -33.3532 by changing the saturation by 10% instead.

■ 142.0310, 16.2537,
-33.3532

■ 142.0310, 16.2537,
-33.3532

255.0000, 0.0000,
0.0000

■ 115.9170, 15.8169,
-33.2532

■ 196.2590, 17.1273,
-33.5531

■ 90.3190, 16.1117,
-34.4828

■ 224.3900, 15.0907,
-33.6680

■ 64.7100, 16.4120,
-37.4567

■ 242.7410, 6.0437,
-25.2059

■ 41.8950, 15.8278,
-36.7419

■ 251.4120, 1.7689,
-7.3773

■ 26.3590, 12.1480,
-23.1168

■ 9.2900, 10.2100,
-8.1473

■ 0.1140, 0.4368,

-0.1000

■ 0.0000, 0.0000,
0.0000

■ 142.0310, 16.2537,
-33.3532

■ 142.0310, 16.2537,
-33.3532

■ 133.7140, 20.3540,
-41.8452

■ 150.0490, 12.3008,
-25.4760

■ 125.6960, 24.3069,
-49.7224

■ 158.3660, 8.2006,
-16.9840

■ 117.3790, 28.4072,
-58.2144

■ 166.3840, 4.2477,
-9.1068

■ 109.3610, 32.3600,
-66.0916

■ 174.7010, 0.1474,
-0.6148

■ 101.0440, 36.4603,
-74.5836

■ 183.0180, -3.9529,
7.8772

■ 93.9120, 39.9764,
-82.3608

■ 191.0360, -7.9057,
15.7544

■ 199.3530,
-12.0060, 24.2464

■ 206.7840,
-15.6695, 32.6384

■ 213.0080,
-18.7379, 36.8270

Harmonies

Analogous

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



140.1140, 10.2968, -36.0570



142.0310, 16.2537, -33.3532



145.2760, 18.1049, -20.4131

Triad

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



142.0310, 16.2537, -33.3532



150.9800, 0.5029, 25.4505



145.5150, -14.5509, 0.4253

Complementary

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



142.0310, 16.2537, -33.3532



136.9690, -16.2537, 33.3532

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.



147.3320, -16.9257, 15.4948



142.0310, 16.2537, -33.3532



150.2380, -7.5123, 29.6093

Square

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



142.0310, 16.2537, -33.3532



150.7920, 8.9765, 14.2144



149.1960, -13.9006, 25.2611



143.1370, -7.9555, -15.0291

Rectangle

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



142.0310, 16.2537, -33.3532



148.1850, 16.1778, -8.9322



149.1960, -13.9006, 25.2611



146.2060, -15.8776, 5.9583

Sweetspot

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



142.0310, 16.2537, -33.3532



214.2310, 6.2951, -12.4806



147.8430, -12.2476, -38.4503



107.2810, 3.8055, -7.2624



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



142.0310, 16.2537, -33.3532



175.6140, 25.3333, -52.2815



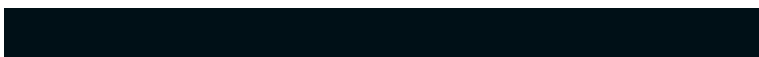
122.0730, 26.0930, -15.8500



82.5480, 2.1948, -3.9886



80.4960, 34.2655, -70.5950



12.0140, 5.4161, -10.5363

Inverse Universe

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



131.0430, 11.8108, 38.5503



158.3090, 18.5817, 60.2420



156.9270, -26.0930, 15.8500



81.3750, 1.2941, 4.9331



57.1620, 25.0631, 81.4189



8.7010, 3.5984, 12.5402

Previews

White Background



This preview shows how the YUV color 142.0310, 16.2537, -33.3532 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 142.0310, 16.2537, -33.3532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

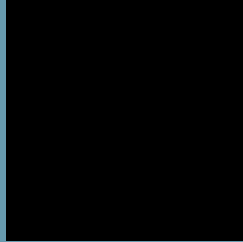
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 142.0310, 16.2537, -33.3532

Background



This preview shows how black text looks on a background with the YUV color 142.0310, 16.2537, -33.3532.



This preview shows how white text looks on a background with the YUV color 142.0310, 16.2537, -33.3532.

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

142.0310, 16.2537, -33.3532

Protanopia

147.7250, 10.4886, -4.1438

Deuteranopia

148.3600, 14.1195, -2.0697



Tritanopia

141.3360, 13.6384, -34.4977

Trichromacy



Original Color

142.0310, 16.2537, -33.3532

Protanomaly

145.5280, 12.5577, -14.4951

Deuteranomaly

146.1090, 14.7363, -13.2506

Tritanomaly

141.8630, 14.3645, -34.0829

Monochromacy



Original Color

142.0310, 16.2537, -33.3532

Achromatopsia

142.0000, 0.0000, 0.0000

Achromatomaly

142.1170, 5.8583, -12.3806

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.0310, 16.2537, -33.3532 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(104, 155, 175)` looks like.

```
.text, #text, p{  
    color:rgb(104, 155, 175)  
}
```

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(104, 155, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 155, 175) }
```

Border

The CSS property to change the border of an element to YUV 142.0310, 16.2537, -33.3532 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(104, 155, 175) }
```


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

```
.border{ border-color:rgb(104, 155, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 155, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 155, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 155, 175);  
box-shadow:4px 4px 4px 4px rgb(104, 155,  
175) }
```

Background

The CSS property to change the background color of an element to YUV 142.0310, 16.2537, -33.3532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 155, 175) }
```

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

```
.background{ background-color: rgb(104,  
155, 175) }
```

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