

Converting Colors

YUV(142.0600, 8.8444,
-36.8866)

Have a look what the booklet for
YUV(142.0600, 8.8444, -36.8866)
contains.

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Color

**YUV(142.0600, 8.8444,
-36.8866)**

Conversions

Conversions Part 1

Format	Color
Hex	64A0A0
RGB	100, 160, 160
RGB Percent	39%, 63%, 63%
CMY	0.6078, 0.3725, 0.3725
CMYK	0.38, 0.00, 0.00, 0.37
HSL	180°, 24%, 51%
HSV	180°, 38%, 63%
XYZ	24.1715, 30.3890, 37.8494
YIQ	142.0600, -35.7600, -12.7200

Conversions

Conversions Part 2

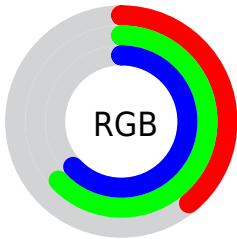
Format	Color
RYB	100, 130, 160
Decimal	6594720
CIELab	61.99, -19.38, -6.16
CIELCh	62, 20.333, 197.642
Yxy	30.3890, 0.2616, 0.3289
Android (android.graphics.Color)	4284784800 (0xFF64A0A0)
YUV	142.0600, 8.8444, -36.8866
Hunter-Lab	55.1262, -18.2030, -2.1199

Details

The YUV color **142.0600, 8.8444, -36.8866** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **117.9400, -8.8444, 36.8866**, and the grayscale version is **142.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.7610, 8.9918, -37.5014**, and **89.8750, 9.4286, -37.6014** is the 20% darker color. If you saturate the color by 10%, you get **137.2760, 11.2029, -46.7231**, and if you desaturate by 10%, it is **146.8440, 6.4859, -27.0502**.

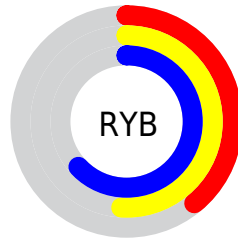
Distribution



Red (39%)

Green (63%)

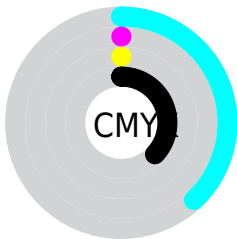
Blue (63%)



Red (39%)

Yellow (51%)

Blue (63%)

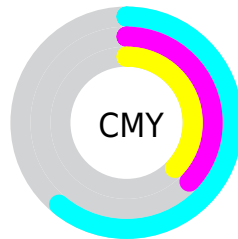


Cyan (38%)

Magenta (0%)

Yellow (0%)

Black (37%)



Cyan (61%)

Magenta (37%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.0600, 8.8444, -36.8866 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 142.0600, 8.8444, -36.8866 by changing the saturation by 10% instead.

■ 142.0600, 8.8444,
-36.8866

■ 142.0600, 8.8444,
-36.8866

■ 255.0000, 0.0000,
0.0000

■ 116.0600, 8.8444,
-36.8866

■ 196.7610, 8.9918,
-37.5014

■ 89.8750, 9.4286,
-37.6014

■ 224.4620, 9.1392,
-38.1162

■ 64.2660, 9.7289,
-40.5753

■ 241.5450, 6.6333,
-27.6650

■ 42.1740, 9.2812,
-36.9866

■ 250.2160, 2.3585,
-9.8364

■ 26.8660, 6.4751,
-23.5615

■ 10.3840, 4.2477,
-9.1068

■ 0.0000, 0.0000,

0.0000

■ 142.0600, 8.8444,
-36.8866

■ 142.0600, 8.8444,
-36.8866

■ 137.2760, 11.2029,
-46.7231

■ 146.8440, 6.4859,
-27.0502

■ 132.4920, 13.5614,
-56.5595

■ 151.6280, 4.1274,
-17.2138

■ 127.7080, 15.9200,
-66.3959

■ 156.4120, 1.7689,
-7.3773

■ 122.9240, 18.2785,
-76.2323

■ 161.1960, -0.5896,
2.4591

■ 118.1400, 20.6370,
-86.0688

■ 165.9800, -2.9481,
12.2955

■ 113.3560, 22.9955,
-95.9052

■ 170.7640, -5.3067,
22.1320

■ 112.1600, 23.5851,
-98.3643

■ 175.5480, -7.6652,
31.9684

■ 180.3320,
-10.0237, 41.8048

■ 185.1160,
-12.3822, 51.6413

Harmonies

Analogous

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



143.4820, -1.2236, -27.6097



142.0600, 8.8444, -36.8866



143.3080, 16.1172, -36.2271

Triad

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



142.0600, 8.8444, -36.8866



152.8240, 10.4398, 11.5554



149.6420, -17.0785, 17.8540

Complementary

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



142.0600, 8.8444, -36.8866



117.9400, -8.8444, 36.8866

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.



151.0330, -13.3273, 28.0351



142.0600, 8.8444, -36.8866



153.1370, 2.3975, 24.4359

Square

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



142.0600, 8.8444, -36.8866



150.6090, 16.4618, -6.6731



152.2920, -6.0600, 30.4389



147.7820, -16.1615, 3.6992

Rectangle

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



142.0600, 8.8444, -36.8866



145.3350, 18.5688, -29.2348



152.2920, -6.0600, 30.4389



150.1910, -16.3632, 21.7575

Sweetspot

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



142.0600, 8.8444, -36.8866



202.1230, 3.3904, -14.1399



135.2200, -17.3635, -30.8879



100.8140, 2.0637, -8.6069



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



142.0600, 8.8444, -36.8866



180.8940, 13.8563, -57.7890



124.4500, 17.5261, -21.4427



76.6080, 1.1793, -4.9182



100.2430, 21.0792, -87.9131



10.5150, 2.2111, -9.2217

Inverse Universe

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



124.7800, 17.3635, 30.8879



153.8220, 27.2028, 48.3911



135.5500, -17.5262, 21.4426



74.3040, 2.3151, 4.1184



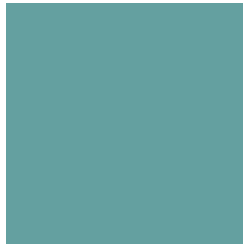
59.0590, 41.3829, 73.6163



6.1950, 4.3409, 7.7220

Previews

White Background



This preview shows how the YUV color 142.0600, 8.8444, -36.8866 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 142.0600, 8.8444, -36.8866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

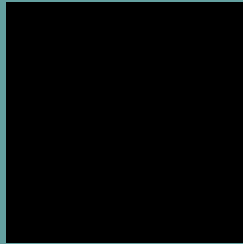
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 142.0600, 8.8444, -36.8866

Background



This preview shows how black text looks on a background with the YUV color 142.0600, 8.8444, -36.8866.

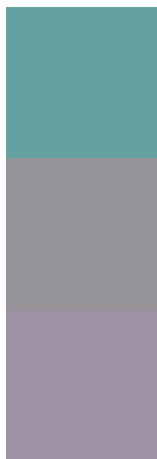


This preview shows how white text looks on a background with the YUV color 142.0600, 8.8444,

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

142.0600, 8.8444, -36.8866

Protanopia

149.4670, 1.7418, 1.3444

Deuteranopia

150.6400, 6.0935, 5.5777



Tritanopia

143.0370, 13.7858, -35.1124

Trichromacy



Original Color

142.0600, 8.8444, -36.8866

Protanomaly

146.4760, 4.6953, -12.6955

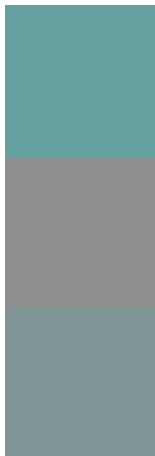
Deuteranomaly

147.1820, 7.3053, -9.8066

Tritanomaly

142.8690, 11.8966, -35.8421

Monochromacy



Original Color

142.0600, 8.8444, -36.8866

Achromatopsia

142.0000, 0.0000, 0.0000

Achromatomaly

142.4220, 3.2430, -13.5251

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.0600, 8.8444, -36.8866 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(100, 160, 160)` looks like.

```
.text, #text, p{  
    color:rgb(100, 160, 160)  
}
```

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(100, 160, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 160, 160) }
```

Border

The CSS property to change the border of an element to YUV 142.0600, 8.8444, -36.8866 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(100, 160, 160) }
```


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

```
.border{ border-color:rgb(100, 160, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 160, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 160, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 160, 160);  
box-shadow:4px 4px 4px 4px rgb(100, 160,  
160) }
```

Background

The CSS property to change the background color of an element to YUV 142.0600, 8.8444, -36.8866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 160, 160) }
```

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

```
.background{ background-color: rgb(100,  
160, 160) }
```

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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