

Converting Colors

YUV(112.2140, -18.3465,
-42.2837)

Have a look what the booklet for
YUV(112.2140, -18.3465, -42.2837)
contains.

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Color

**YUV(112.2140, -18.3465,
-42.2837)**

Conversions

Conversions Part 1

Format	Color
Hex	40904B
RGB	64, 144, 75
RGB Percent	25%, 56%, 29%
CMY	0.7490, 0.4353, 0.7059
CMYK	0.56, 0.00, 0.48, 0.44
HSL	128°, 38%, 41%
HSV	128°, 56%, 56%
XYZ	13.3576, 21.5445, 10.1111
YIQ	112.2140, -25.5310, -38.4190

Conversions

Conversions Part 2

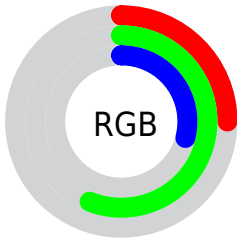
Format	Color
RYB	64, 134, 144
Decimal	4231243
CIELab	53.54, -39.79, 29.33
CIELCh	54, 49.428, 143.604
Yxy	21.5445, 0.2967, 0.4786
Android (android.graphics.Color)	4282421323 (0xFF40904B)
YUV	112.2140, -18.3465, -42.2837
Hunter-Lab	46.4161, -29.8594, 19.5757

Details

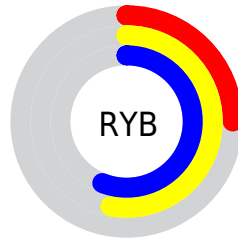
The YUV color **112.2140, -18.3465, -42.2837** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **95.7860, 18.3465, 42.2837**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.3450, -20.3831, -42.3986**, and **57.7830, -14.6830, -50.6757** is the 20% darker color. If you saturate the color by 10%, you get **106.6600, -21.5244, -49.6908**, and if you desaturate by 10%, it is **117.7680, -15.1686, -34.8765**.

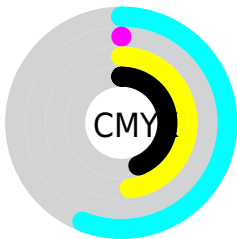
Distribution



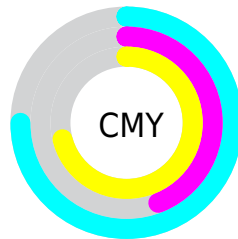
- Red (25%)
- Green (56%)
- Blue (29%)



- Red (25%)
- Yellow (53%)
- Blue (56%)



- Cyan (56%)
- Magenta (0%)
- Yellow (48%)
- Black (44%)



- Cyan (75%)
- Magenta (44%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.2140, -18.3465, -42.2837 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 112.2140, -18.3465, -42.2837 by changing the saturation by 10% instead.

■ 112.2140,
-18.3465, -42.2837

■ 112.2140,
-18.3465, -42.2837

■ 255.0000, 0.0000,
0.0000

■ 85.5450, -17.0307,
-44.3280

■ 166.3450,
-20.3831, -42.3986

■ 57.7830, -14.6830,
-50.6757

■ 194.1170,
-21.2567, -42.1986

■ 40.3720, -17.9314,
-35.4062

■ 222.0030,
-21.6935, -42.0986

■ 26.4150, -13.0226,
-23.1660

■ 233.5670,
-13.5905, -27.6843

■ 12.3270, -6.0772,
-10.8108

■ 245.4300, -5.6350,
-12.6551

■ 0.0000, 0.0000,
0.0000

■ 112.2140,
-18.3465, -42.2837

■ 112.2140,
-18.3465, -42.2837

■ 106.6600,
-21.5244, -49.6908

■ 117.7680,
-15.1686, -34.8765

■ 100.6930,
-24.9916, -57.6128

■ 123.7350,
-11.7014, -26.9546

■ 95.1390, -28.1695,
-65.0199

■ 129.2890, -8.5235,
-19.5475

■ 89.1720, -31.6368,
-72.9418

■ 135.2560, -5.0562,
-11.6255

■ 86.8080, -32.9363,
-76.1306

■ 140.8100, -1.8783,
-4.2184

■ 146.4780, 1.7363,
3.0888

■ 152.3310, 4.7668,
11.1107

■ 157.8850, 7.9447,

18.5179

■ 163.8520, 11.4120,
26.4398

Harmonies

Analogous

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



120.1300, -37.5321, -1.8680



112.2140, -18.3465, -42.2837



100.2140, 8.2755, -87.8877

Triad

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



112.2140, -18.3465, -42.2837



103.4130, 53.5334, -90.6932



126.2430, -14.9098, 69.0699

Complementary

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



112.2140, -18.3465, -42.2837



95.7860, 18.3465, 42.2837

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.



128.7750, 5.0409, 63.3413



112.2140, -18.3465, -42.2837



128.0100, 38.4491, -12.2868

Square

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



112.2140, -18.3465, -42.2837



107.4590, 43.6507, -94.2415



131.9960, 23.1730, 34.2065



125.8720, -32.4749, 56.2403

Rectangle

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



112.2140, -18.3465, -42.2837



104.2210, 21.0900, -91.4018



131.9960, 23.1730, 34.2065



126.9640, -8.3633, 69.3146

Sweetspot

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



112.2140, -18.3465, -42.2837



173.6530, -7.2239, -16.3587



131.5910, -33.3224, 1.2357



86.4950, -4.1880, -10.0811



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



112.2140, -18.3465, -42.2837



136.4270, -28.3115, -66.1495



116.7740, -0.8746, -46.2828



68.2230, -1.5889, -3.7036



81.4110, -30.7686, -71.3974



4.8100, -1.8783, -4.2184

Inverse Universe

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



95.7860, 18.3465, 42.2837



110.6870, 28.7483, 66.0495



91.2260, 0.8746, 46.2828



66.7770, 1.5889, 3.7036



53.7030, 31.2054, 71.2975



3.1900, 1.8783, 4.2184

Previews

White Background



This preview shows how the YUV color 112.2140, -18.3465, -42.2837 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 112.2140, -18.3465, -42.2837 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 112.2140, -18.3465, -42.2837 Background



This preview shows how black text looks on a background with the YUV color 112.2140, -18.3465, -42.2837.



This preview shows how white text looks on a background with the YUV color 112.2140, -18.3465, -42.2837.

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

112.2140, -18.3465, -42.2837

Protanopia

124.2750, -27.2506, 13.7908

Deuteranopia

126.0080, -22.1889, 23.6720



Tritanopia

121.1080, 12.7648, -34.2977

Trichromacy



Original Color

112.2140, -18.3465, -42.2837

Protanomaly

119.6530, -23.9859, -6.7117

Deuteranomaly

120.9080, -20.6606, 0.0807

Tritanomaly

117.8120, 1.5717, -37.5461

Monochromacy



Original Color

112.2140, -18.3465, -42.2837

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

112.4790, -6.6451, -15.3291

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.2140, -18.3465, -42.2837 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(64, 144, 75)` looks like.

```
.text, #text, p{  
    color:rgb(64, 144, 75)  
}
```

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(64, 144, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 144, 75) }
```

Border

The CSS property to change the border of an element to YUV 112.2140, -18.3465, -42.2837 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(64, 144, 75) }
```


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

```
.border{ border-color:rgb(64, 144, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 144, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 144, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 144, 75);  
box-shadow:4px 4px 4px 4px rgb(64, 144,  
75) }
```

Background

The CSS property to change the background color of an element to YUV 112.2140, -18.3465, -42.2837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 144, 75) }
```

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

```
.background{ background-color: rgb(64, 144,  
75) }
```

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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