

Converting Colors

YUV(110.2140, -18.3465,
-42.2837)

Have a look what the booklet for
YUV(110.2140, -18.3465, -42.2837)
contains.

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Color

**YUV(110.2140, -18.3465,
-42.2837)**

Conversions

Conversions Part 1

Format	Color
Hex	3E8E49
RGB	62, 142, 73
RGB Percent	24%, 56%, 29%
CMY	0.7569, 0.4431, 0.7137
CMYK	0.56, 0.00, 0.49, 0.44
HSL	128°, 39%, 40%
HSV	128°, 56%, 56%
XYZ	12.8622, 20.8512, 9.6501
YIQ	110.2140, -25.5310, -38.4190

Conversions

Conversions Part 2

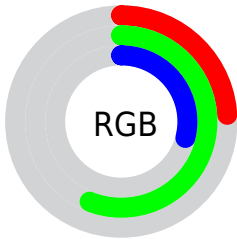
Format	Color
RYB	62, 132, 142
Decimal	4099657
CIELab	52.79, -39.79, 29.43
CIELCh	53, 49.489, 143.516
Yxy	20.8512, 0.2966, 0.4808
Android (android.graphics.Color)	4282289737 (0xFF3E8E49)
YUV	110.2140, -18.3465, -42.2837
Hunter-Lab	45.6631, -29.6312, 19.4342

Details

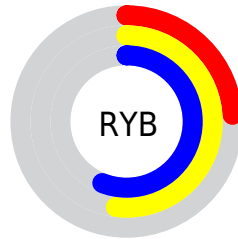
The YUV color **110.2140, -18.3465, -42.2837** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **93.7860, 18.3465, 42.2837**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.7580, -20.0937, -41.8838**, and **56.3810, -14.9778, -49.4461** is the 20% darker color. If you saturate the color by 10%, you get **104.6600, -21.5244, -49.6908**, and if you desaturate by 10%, it is **115.7680, -15.1686, -34.8765**.

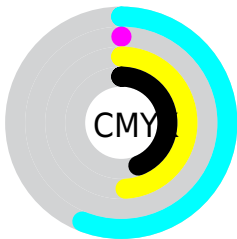
Distribution



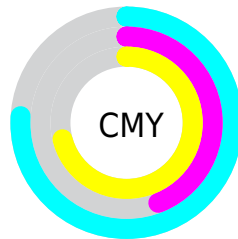
- Red (24%)
- Green (56%)
- Blue (29%)



- Red (24%)
- Yellow (52%)
- Blue (56%)



- Cyan (56%)
- Magenta (0%)
- Yellow (49%)
- Black (44%)



- Cyan (76%)
- Magenta (44%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 110.2140, -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 110.2140, -18.3465, -42.2837 by changing the saturation by 10% instead.

■ 110.2140,
-18.3465, -42.2837

■ 110.2140,
-18.3465, -42.2837

■ 255.0000, 0.0000,
0.0000

■ 83.2460, -16.8833,
-44.9427

■ 163.7580,
-20.0937, -41.8838

■ 56.3810, -14.9778,
-49.4461

■ 192.1170,
-21.2567, -42.1986

■ 38.9700, -18.2262,
-34.1767

■ 220.5900,
-21.9829, -42.6134

■ 25.8280, -12.7332,
-22.6512

■ 232.7410,
-14.1693, -28.7139

■ 9.9790, -4.9196,
-8.7516

■ 244.6040, -6.2138,
-13.6847

■ 0.0000, 0.0000,
0.0000

■ 110.2140,
-18.3465, -42.2837

■ 110.2140,
-18.3465, -42.2837

■ 104.6600,
-21.5244, -49.6908

■ 115.7680,
-15.1686, -34.8765

■ 99.1060, -24.7023,
-57.0980

■ 121.3220,
-11.9907, -27.4694

■ 93.1390, -28.1695,
-65.0199

■ 127.2890, -8.5235,
-19.5475

■ 87.5850, -31.3474,
-72.4270

■ 132.8430, -5.3456,
-12.1403

■ 85.6340, -32.3576,
-75.1010

■ 138.3970, -2.1677,
-4.7332

■ 143.9510, 1.0102,
2.6740

■ 149.6190, 4.6248,
9.9811

■ 155.4720, 7.6553,

18.0031

■ 161.0260, 10.8332,
25.4102

Harmonies

Analogous

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



118.1300, -37.5321, -1.8680



110.2140, -18.3465, -42.2837



98.8120, 7.9807, -86.6581

Triad

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



110.2140, -18.3465, -42.2837



102.0110, 53.2386, -89.4636



124.3570, -14.4730, 68.9699

Complementary

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



110.2140, -18.3465, -42.2837



93.7860, 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.



126.4760, 5.1883, 62.7265



110.2140, -18.3465, -42.2837



126.2980, 38.3071, -13.4163

Square

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



110.2140, -18.3465, -42.2837



106.0570, 43.3559, -93.0120



129.9960, 23.1730, 34.2065



123.5730, -32.3275, 55.6255

Rectangle

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



110.2140, -18.3465, -42.2837



102.8190, 20.7952, -90.1723



129.9960, 23.1730, 34.2065



124.9640, -8.3633, 69.3146

Sweetspot

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



110.2140, -18.3465, -42.2837



171.3540, -7.0765, -16.9735



129.5910, -33.3224, 1.2357



84.4950, -4.1880, -10.0811



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



110.2140, -18.3465, -42.2837



134.3130, -28.7483, -66.0495



114.7740, -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.



93.7860, 18.3465, 42.2837



108.5730, 28.3115, 66.1495



89.2260, 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 110.2140, -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 110.2140, -18.3465, -42.2837 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

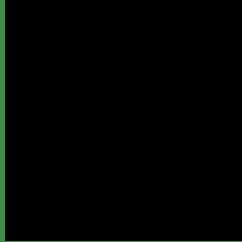
Any Text WCAG AA ✓ Pass

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 110.2140, -18.3465, -42.2837 Background



This preview shows how black text looks on a background with the YUV color 110.2140, -18.3465, -42.2837.



This preview shows how white text looks on a background with the YUV color 110.2140, -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

110.2140, -18.3465, -42.2837

Protanopia

122.2750, -27.2506, 13.7908

Deuteranopia

124.5950, -22.4783, 23.1572



Tritanopia

119.1080, 12.7648, -34.2977

Trichromacy



Original Color

110.2140, -18.3465, -42.2837

Protanomaly

117.6530, -23.9859, -6.7117

Deuteranomaly

119.4950, -20.9500, -0.4341

Tritanomaly

115.8120, 1.5717, -37.5461

Monochromacy



Original Color

110.2140, -18.3465, -42.2837

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

110.4790, -6.6451, -15.3291

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.2140, -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(62, 142, 73)` looks like.

```
.text, #text, p{  
    color:rgb(62, 142, 73)  
}
```

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(62, 142, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 142, 73) }
```

Border

The CSS property to change the border of an element to YUV 110.2140, -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(62, 142, 73) }
```


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

```
.border{ border-color:rgb(62, 142, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 142, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 142, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 142, 73);  
box-shadow:4px 4px 4px 4px rgb(62, 142,  
73) }
```

Background

The CSS property to change the background color of an element to YUV 110.2140, -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(62, 142, 73) }
```

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

```
.background{ background-color: rgb(62, 142,  
73) }
```

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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