

Converting Colors

YUV(67.1070, 14.2442,
-42.1898)

Have a look what the booklet for
YUV(67.1070, 14.2442, -42.1898)
contains.

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Color

**YUV(67.1070, 14.2442,
-42.1898)**

Conversions

Conversions Part 1

Format	Color
Hex	135660
RGB	19, 86, 96
RGB Percent	7%, 34%, 38%
CMY	0.9255, 0.6627, 0.6235
CMYK	0.80, 0.10, 0.00, 0.62
HSL	188°, 67%, 23%
HSV	188°, 80%, 38%
XYZ	5.7077, 7.6386, 12.2399
YIQ	67.1070, -43.1420, -11.0940

Conversions

Conversions Part 2

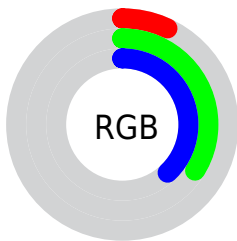
Format	Color
R_{YB}	19, 55, 96
Decimal	1267296
CIE _{Lab}	33.22, -16.35, -11.66
CIE _{LCh}	33, 20.084, 215.506
Yxy	7.6386, 0.2231, 0.2985
Android (android.graphics.Color)	4279457376 (0xFF135660)
YUV	67.1070, 14.2442, -42.1898
Hunter-Lab	27.6379, -11.5033, -6.9110

Details

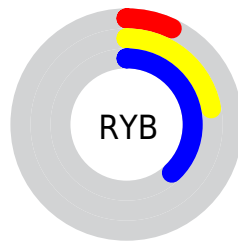
The YUV color **67.1070, 14.2442, -42.1898** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **47.8930, -14.2442, 42.1898**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.6130, 13.5018, -37.3716**, and **29.1800, 10.2643, -25.5909** is the 20% darker color. If you saturate the color by 10%, you get **63.5300, 16.0077, -47.8228**, and if you desaturate by 10%, it is **70.6840, 12.4808, -36.5569**.

Distribution



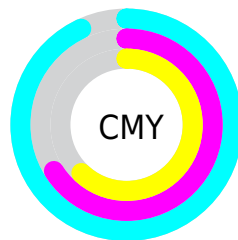
- Red (7%)
- Green (34%)
- Blue (38%)



- Red (7%)
- Yellow (22%)
- Blue (38%)



- Cyan (80%)
- Magenta (10%)
- Yellow (0%)
- Black (62%)



- Cyan (93%)
- Magenta (66%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.1070, 14.2442, -42.1898 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 67.1070, 14.2442, -42.1898 by changing the saturation by 10% instead.

67.1070, 14.2442,
-42.1898

67.1070, 14.2442,
-42.1898

255.0000, 0.0000,
0.0000

45.1890, 13.2178,
-39.6308

119.6130, 13.5018,
-37.3716

29.1800, 10.2643,
-25.5909

145.6130, 13.5018,
-37.3716

15.0460, 6.8793,
-13.1953

172.6130, 13.5018,
-37.3716

0.0000, 0.0000,
0.0000

200.3140, 13.6492,
-37.9864

228.7870, 12.9230,
-38.4012

242.7410, 6.0437,

-25.2059

251.4120, 1.7689,
-7.3773

67.1070, 14.2442,
-42.1898

67.1070, 14.2442,
-42.1898

63.5300, 16.0077,
-47.8228

70.6840, 12.4808,
-36.5569

60.2520, 17.6238,
-52.8410

73.9620, 10.8647,
-31.5387

78.1260, 8.8119,
-26.4205

81.4040, 7.1958,
-21.4023

84.9810, 5.4324,
-15.7693

■ 88.5580, 3.6689,
-10.1364

■ 92.4230, 1.7635,
-5.6330

■ 96.0000, 0.0000,
0.0000

■ 99.2780, -1.6161,
5.0182

Harmonies

Analogous

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



69.2730, 5.7814, -34.4424



67.1070, 14.2442, -42.1898



71.3840, 17.5587, -31.9088

Triad

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



67.1070, 14.2442, -42.1898



80.6030, 5.6187, 17.8882



76.7440, -15.1568, 8.1175

Complementary

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



67.1070, 14.2442, -42.1898



47.8930, -14.2442, 42.1898

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.



78.4510, -14.0263, 18.8985



67.1070, 14.2442, -42.1898



79.9970, -1.9705, 25.4356

Square

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



67.1070, 14.2442, -42.1898



79.8230, 11.9193, 3.6632



79.0480, -9.3907, 25.3909



75.2800, -11.4770, -5.5076

Rectangle

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



67.1070, 14.2442, -42.1898



74.9340, 16.7945, -20.1131



79.0480, -9.3907, 25.3909



77.0650, -15.3150, 12.2210

Sweetspot

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



67.1070, 14.2442, -42.1898



113.6820, 5.5798, -16.3841



65.2250, -18.3519, -40.5393



56.5580, 3.6689, -10.1364



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



67.1070, 14.2442, -42.1898



79.7280, 22.3191, -65.5365



45.3880, 24.9517, -23.1423



46.8040, 0.5896, -2.4591



70.2940, 20.5611, -61.6478



150.0430, 44.3488, -131.5877

Inverse Universe

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



49.6610, 17.9151, 40.6393



52.7360, 27.7382, 63.3755



69.6120, -24.9517, 23.1423



45.6520, 1.1576, 2.0592



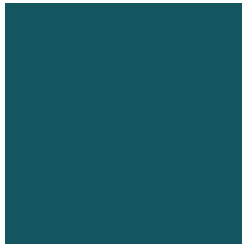
44.6600, 26.2966, 59.0572



95.5860, 55.9131, 126.6511

Previews

White Background



This preview shows how the YUV color 67.1070, 14.2442, -42.1898 looks on a white 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

Black Background



This preview shows how the YUV color 67.1070, 14.2442, -42.1898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

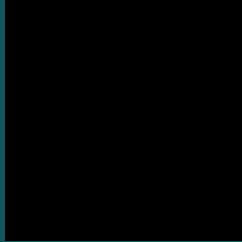
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.1070, 14.2442, -42.1898

Background



This preview shows how black text looks on a background with the YUV color 67.1070, 14.2442, -42.1898.



This preview shows how white text looks on a background with the YUV color 67.1070, 14.2442, -42.1898.

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

67.1070, 14.2442, -42.1898

Protanopia

78.1830, 5.8258, -1.9145

Deuteranopia

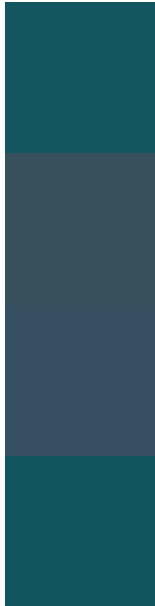
78.2090, 9.7570, -2.8143



Tritanopia

65.8680, 13.3761, -43.7342

Trichromacy



Original Color

67.1070, 14.2442, -42.1898

Protanomaly

73.8930, 8.9268, -16.5692

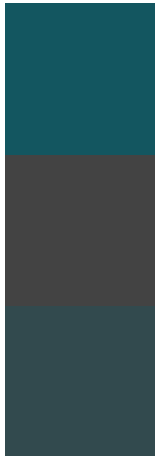
Deuteranomaly

74.4630, 11.1107, -17.0691

Tritanomaly

66.2810, 13.6655, -43.2194

Monochromacy



Original Color

67.1070, 14.2442, -42.1898

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

67.2800, 5.2850, -15.1546

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.1070, 14.2442, -42.1898 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(19, 86, 96)` looks like.

```
.text, #text, p{  
    color:rgb(19, 86, 96)  
}
```

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(19, 86, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 86, 96) }
```

Border

The CSS property to change the border of an element to YUV 67.1070, 14.2442, -42.1898 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(19, 86, 96) }
```


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

```
.border{ border-color:rgb(19, 86, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 86, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 86, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 86, 96);  
box-shadow:4px 4px 4px 4px rgb(19, 86, 96)  
}
```

Background

The CSS property to change the background color of an element to YUV 67.1070, 14.2442, -42.1898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 86, 96) }
```

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

```
.background{ background-color: rgb(19, 86,  
96) }
```

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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