

Converting Colors

YUV(138.0690, -4.9640,
-41.2795)

Have a look what the booklet for
YUV(138.0690, -4.9640, -41.2795)
contains.

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Color

**YUV(138.0690, -4.9640,
-41.2795)**

Conversions

Conversions Part 1

Format	Color
Hex	5BA480
RGB	91, 164, 128
RGB Percent	36%, 64%, 50%
CMY	0.6431, 0.3569, 0.4980
CMYK	0.45, 0.00, 0.22, 0.36
HSL	150°, 29%, 50%
HSV	150°, 45%, 64%
XYZ	21.4861, 30.3336, 25.1446
YIQ	138.0690, -31.9520, -26.6720

Conversions

Conversions Part 2

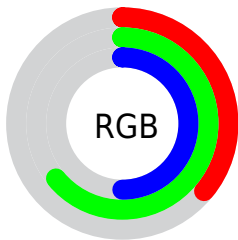
Format	Color
RYB	91, 139, 164
Decimal	6005888
CIELab	61.94, -31.37, 11.68
CIElCh	62, 33.470, 159.581
Yxy	30.3336, 0.2792, 0.3941
Android (android.graphics.Color)	4284195968 (0xFF5BA480)
YUV	138.0690, -4.9640, -41.2795
Hunter-Lab	55.0759, -26.7468, 11.4846

Details

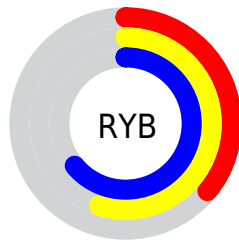
The YUV color **138.0690, -4.9640, -41.2795** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **116.9310, 4.9640, 41.2795**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.5420, -5.6902, -41.6943**, and **85.8130, -3.3588, -42.8090** is the 20% darker color. If you saturate the color by 10%, you get **132.3730, -6.0999, -50.3161**, and if you desaturate by 10%, it is **143.7650, -3.8281, -32.2429**.

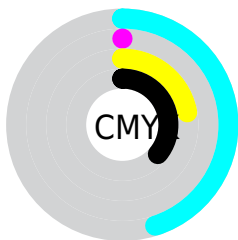
Distribution



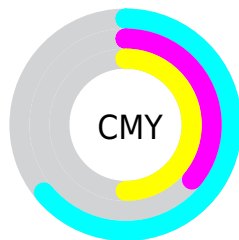
- Red (36%)
- Green (64%)
- Blue (50%)



- Red (36%)
- Yellow (55%)
- Blue (64%)



- Cyan (45%)
- Magenta (0%)
- Yellow (22%)
- Black (36%)




- Cyan (64%)
- Magenta (36%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 138.0690, -4.9640, -41.2795 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 138.0690, -4.9640, -41.2795 by changing the saturation by 10% instead.


 138.0690, -4.9640,
-41.2795

 138.0690, -4.9640,
-41.2795


255.0000, 0.0000,
0.0000


 111.5960, -4.2378,
-40.8647


 192.5420, -5.6902,
-41.6943


 85.8130, -3.3588,
-42.8090


 220.7160, -6.2690,
-42.7239


 57.4530, -0.7163,
-50.3863

 236.5030, 0.2450,
-32.0131

 40.8570, -3.3805,
-35.8316

 247.2260, 3.8326,
-15.9842

 25.5490, -6.1867,
-22.4065

 7.6310, -3.7621,
-6.6924

 0.0000, 0.0000,

0.0000

■ 138.0690, -4.9640,
-41.2795

■ 138.0690, -4.9640,
-41.2795

■ 132.3730, -6.0999,
-50.3161

■ 143.7650, -3.8281,
-32.2429

■ 126.3780, -7.0884,
-59.9675

■ 149.7600, -2.8397,
-22.5915

■ 120.6820, -8.2242,
-69.0041

■ 155.4560, -1.7038,
-13.5549

■ 114.6870, -9.2127,
-78.6555

■ 161.4510, -0.7153,
-3.9035

■ 108.9910,
-10.3486, -87.6921

■ 167.1470, 0.4205,
5.1331

■ 105.7300,
-11.2059, -92.7252

■ 172.9570, 1.9932,
14.0697

■ 178.9520, 2.9817,
23.7211

■ 184.6480, 4.1175,
32.7577

■ 190.6430, 5.1060,
42.4091

Harmonies

Analogous

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



143.3470, -19.8911, -13.4593



138.0690, -4.9640, -41.2795



130.7030, 13.4574, -69.8995

Triad

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



138.0690, -4.9640, -41.2795



147.9520, 29.6037, -21.8829



150.7750, -18.6231, 46.6783

Complementary

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



138.0690, -4.9640, -41.2795



116.9310, 4.9640, 41.2795

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.



152.5160, -5.6774, 47.7825



138.0690, -4.9640, -41.2795



153.1580, 20.6281, 10.3854

Square

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



138.0690, -4.9640, -41.2795



137.6440, 33.2065, -57.5698



154.1090, 8.3273, 35.8614



149.3960, -27.3102, 32.9787

Rectangle

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



138.0690, -4.9640, -41.2795



125.8180, 25.7257, -84.9094



154.1090, 8.3273, 35.8614



151.5240, -14.5553, 48.6525

Sweetspot

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



138.0690, -4.9640, -41.2795



204.0320, -1.9878, -15.8141



144.6150, -26.4322, -15.4484



101.0050, -0.9885, -9.6514



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



138.0690, -4.9640, -41.2795



173.8290, -7.8037, -63.8710



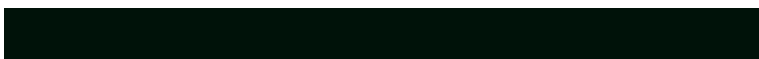
142.1730, 10.7607, -44.8787



78.8530, -0.4205, -5.1331



93.5510, -9.6386, -82.0442



11.5920, -1.2779, -10.1662

Inverse Universe

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



116.9310, 4.9640, 41.2795



141.1710, 7.8037, 63.8710



112.8270, -10.7607, 44.8787



76.1470, 0.4205, 5.1331



51.5630, 10.0754, 81.9442



6.4080, 1.2779, 10.1662

Previews

White Background



This preview shows how the YUV color 138.0690, -4.9640, -41.2795 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 138.0690, -4.9640, -41.2795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

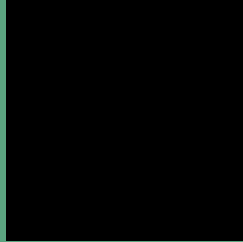
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 138.0690, -4.9640, -41.2795

Background



This preview shows how black text looks on a background with the YUV color 138.0690, -4.9640, -41.2795.



This preview shows how white text looks on a background with the YUV color 138.0690, -4.9640, -41.2795.

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

138.0690, -4.9640, -41.2795

Protanopia

148.3850, -13.9938, 8.4324

Deuteranopia

149.5200, -8.6374, 17.0840



Tritanopia

142.7380, 13.9332, -35.7272

Trichromacy



Original Color

138.0690, -4.9640, -41.2795

Protanomaly

144.4860, -10.5926, -9.1962

Deuteranomaly

145.7300, -7.2619, -4.1482

Tritanomaly

140.8920, 6.9552, -37.6163

Monochromacy



Original Color

138.0690, -4.9640, -41.2795

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

137.7440, -1.8458, -14.6845

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.0690, -4.9640, -41.2795 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(91, 164, 128)` looks like.

```
.text, #text, p{  
    color:rgb(91, 164, 128)  
}
```

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(91, 164, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 164, 128) }
```

Border

The CSS property to change the border of an element to YUV 138.0690, -4.9640, -41.2795 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(91, 164, 128) }
```


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

```
.border{ border-color:rgb(91, 164, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 164, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 164, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 164, 128);  
box-shadow:4px 4px 4px 4px rgb(91, 164,  
128) }
```

Background

The CSS property to change the background color of an element to YUV 138.0690, -4.9640, -41.2795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 164, 128) }
```

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

```
.background{ background-color: rgb(91, 164,  
128) }
```

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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