

Converting Colors

YUV(142.8700, 6.9661,
-41.1050)

Have a look what the booklet for
YUV(142.8700, 6.9661, -41.1050)
contains.

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Color

**YUV(142.8700, 6.9661,
-41.1050)**

Conversions

Conversions Part 1

Format	Color
Hex	60A49D
RGB	96, 164, 157
RGB Percent	38%, 64%, 62%
CMY	0.6235, 0.3569, 0.3843
CMYK	0.41, 0.00, 0.04, 0.36
HSL	174°, 27%, 51%
HSV	174°, 41%, 64%
XYZ	24.1851, 31.4720, 36.6983
YIQ	142.8700, -38.2810, -16.5930

Conversions

Conversions Part 2

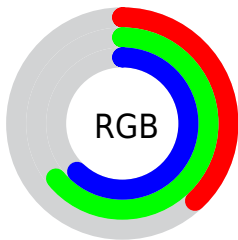
Format	Color
RYB	96, 132, 164
Decimal	6333597
CIELab	62.90, -23.26, -3.14
CIElCh	63, 23.475, 187.695
Yxy	31.4720, 0.2619, 0.3408
Android (android.graphics.Color)	4284523677 (0xFF60A49D)
YUV	142.8700, 6.9661, -41.1050
Hunter-Lab	56.0999, -21.2221, 0.4848

Details

The YUV color **142.8700, 6.9661, -41.1050** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **117.1300, -6.9661, 41.1050**, and the grayscale version is **143.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.4570, 6.6767, -41.6198**, and **90.3860, 7.6977, -42.4345** is the 20% darker color. If you saturate the color by 10%, you get **137.8580, 8.4510, -50.7415**, and if you desaturate by 10%, it is **147.8820, 5.4812, -31.4685**.

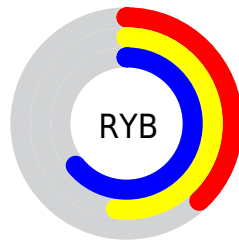
Distribution



Red (38%)

Green (64%)

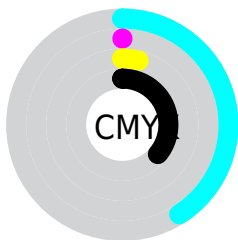
Blue (62%)



Red (38%)

Yellow (52%)

Blue (64%)

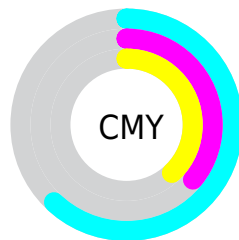


Cyan (41%)

Magenta (0%)

Yellow (4%)

Black (36%)



Cyan (62%)

Magenta (36%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.8700, 6.9661, -41.1050 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 142.8700, 6.9661, -41.1050 by changing the saturation by 10% instead.

■ 142.8700, 6.9661,
-41.1050

■ 142.8700, 6.9661,
-41.1050

■ 255.0000, 0.0000,
0.0000

■ 116.5710, 7.1135,
-41.7198

■ 197.4570, 6.6767,
-41.6198

■ 90.3860, 7.6977,
-42.4345

■ 226.1580, 6.8241,
-42.2346

■ 62.2110, 9.7560,
-49.2970

■ 240.3490, 7.2229,
-30.1241

■ 44.2940, 7.2501,
-38.8458

■ 249.0200, 2.9481,
-12.2955

■ 28.2850, 4.2965,
-24.8059

■ 12.3900, 1.7797,
-10.8660

■ 0.0000, 0.0000,

0.0000

■ 142.8700, 6.9661,
-41.1050

■ 142.8700, 6.9661,
-41.1050

■ 137.8580, 8.4510,
-50.7415

■ 147.8820, 5.4812,
-31.4685

■ 132.6610, 10.5201,
-61.0927

■ 153.0790, 3.4121,
-21.1173

■ 127.6490, 12.0050,
-70.7292

■ 158.0910, 1.9271,
-11.4808

■ 122.3380, 13.6374,
-80.9804

■ 163.4020, 0.2948,
-1.2296

■ 117.4400, 15.5591,
-90.7169

■ 168.3000, -1.6269,
8.5069

■ 113.0260, 16.7492,
-99.1238

■ 173.3120, -3.1118,
18.1434

■ 178.6230, -4.7441,
28.3946

■ 183.6350, -6.2291,
38.0311

■ 188.8320, -8.2982,
48.3823

Harmonies

Analogous

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



145.5700, -4.7180, -26.8099



142.8700, 6.9661, -41.1050



143.0680, 16.7285, -45.6636

Triad

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



142.8700, 6.9661, -41.1050



154.6430, 14.9660, 6.4521



152.8170, -19.1368, 24.7165

Complementary

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



142.8700, 6.9661, -41.1050



117.1300, -6.9661, 41.1050

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.



154.4790, -13.0541, 33.7829



142.8700, 6.9661, -41.1050



155.7610, 6.0338, 24.7656

Square

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



142.8700, 6.9661, -41.1050



151.2920, 20.5620, -15.1651



155.1830, -4.0342, 34.0425



150.9030, -19.6722, 9.7321

Rectangle

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



142.8700, 6.9661, -41.1050



144.8390, 20.7854, -40.2008



155.1830, -4.0342, 34.0425



153.0070, -17.2585, 28.9349

Sweetspot

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



142.8700, 6.9661, -41.1050



205.9980, 2.9590, -15.7842



138.3080, -20.8578, -30.0881



102.4010, 1.7743, -9.1217



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.



142.8700, 6.9661, -41.1050



180.7530, 10.9678, -64.6814



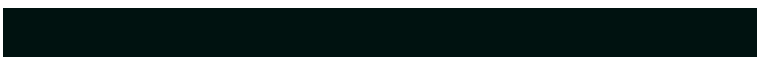
128.4060, 17.5478, -28.4201



79.1950, 0.8899, -5.4330



99.9350, 14.8220, -87.6430



12.3900, 1.7797, -10.8660

Inverse Universe

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



117.1300, -6.9661, 41.1050



140.2470, -10.9678, 64.6814



131.5940, -17.5478, 28.4201



75.8050, -0.8899, 5.4330



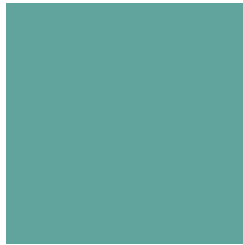
45.0650, -14.8220, 87.6430



5.6100, -1.7797, 10.8660

Previews

White Background



This preview shows how the YUV color 142.8700, 6.9661, -41.1050 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 142.8700, 6.9661, -41.1050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

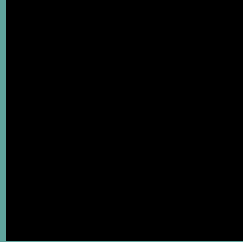
Any Text WCAG AA ✓ Pass

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 142.8700, 6.9661, -41.1050 Background



This preview shows how black text looks on a background with the YUV color 142.8700, 6.9661, -41.1050.

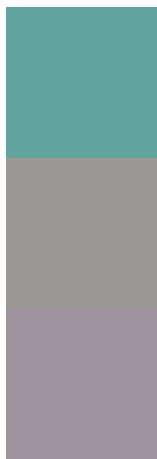


This preview shows how white text looks on a background with the YUV color 142.8700, 6.9661,

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

142.8700, 6.9661, -41.1050

Protanopia

151.9680, -1.4632, 2.6591

Deuteranopia

153.0810, 3.9041, 7.8220



Tritanopia

144.5420, 14.5228, -38.1863

Trichromacy



Original Color

142.8700, 6.9661, -41.1050

Protanomaly

148.9660, 1.4958, -13.1252

Deuteranomaly

149.3130, 5.2687, -9.9215

Tritanomaly

143.8470, 11.9074, -39.3308

Monochromacy



Original Color

142.8700, 6.9661, -41.1050

Achromatopsia

143.0000, 0.0000, 0.0000

Achromatomaly

143.1830, 2.3748, -15.0695

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.8700, 6.9661, -41.1050 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(96, 164, 157)` looks like.

```
.text, #text, p{  
    color:rgb(96, 164, 157)  
}
```

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(96, 164, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 164, 157) }
```

Border

The CSS property to change the border of an element to YUV 142.8700, 6.9661, -41.1050 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(96, 164, 157) }
```


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

```
.border{ border-color:rgb(96, 164, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 164, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 164, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 164, 157);  
box-shadow:4px 4px 4px 4px rgb(96, 164,  
157) }
```

Background

The CSS property to change the background color of an element to YUV 142.8700, 6.9661, -41.1050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 164, 157) }
```

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

```
.background{ background-color: rgb(96, 164,  
157) }
```

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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