

Converting Colors

YUV(138.2840, 12.6780,
-6.3881)

Have a look what the booklet for
YUV(138.2840, 12.6780, -6.3881)
contains.

YUV(138.2840, 12.6780, -6.3881)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(138.2840, 12.6780,
-6.3881)**

Conversions

Conversions Part 1

Format	Color
Hex	8389A4
RGB	131, 137, 164
RGB Percent	51%, 54%, 64%
CMY	0.4863, 0.4627, 0.3569
CMYK	0.20, 0.16, 0.00, 0.36
HSL	229°, 15%, 58%
HSV	229°, 20%, 64%
XYZ	25.0066, 25.3970, 38.7061
YIQ	138.2840, -12.2430, 7.1250

Conversions

Conversions Part 2

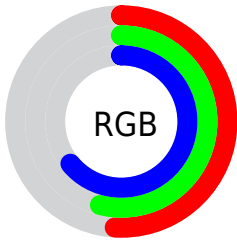
Format	Color
RYB	131, 136, 164
Decimal	8620452
CIELab	57.46, 3.75, -15.02
CIELCh	57, 15.483, 284.011
Yxy	25.3970, 0.2806, 0.2850
Android (android.graphics.Color)	4286810532 (0xFF8389A4)
YUV	138.2840, 12.6780, -6.3881
Hunter-Lab	50.3954, 0.3811, -10.2608

Details

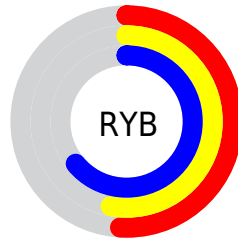
The YUV color $138.2840, 12.6780, -6.3881$ is a dark color, and the websafe version is hex $9999CC$. A complement of this color would be $156.7160, -12.6780, 6.3881$, and the grayscale version is $138.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $191.5120, 13.5516, -6.5880$, and $88.0560, 11.8044, -6.1881$ is the 20% darker color. If you saturate the color by 10%, you get $125.8690, 18.7986, -9.5321$, and if you desaturate by 10%, it is $150.6990, 6.5574, -3.2440$.

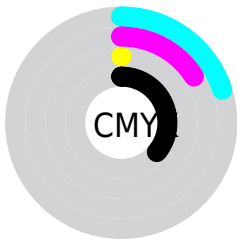
Distribution



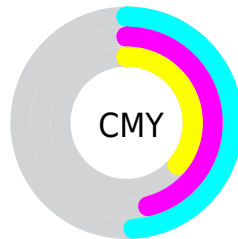
- Red (51%)
- Green (54%)
- Blue (64%)



- Red (51%)
- Yellow (53%)
- Blue (64%)



- Cyan (20%)
- Magenta (16%)
- Yellow (0%)
- Black (36%)



- Cyan (49%)
- Magenta (46%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 138.2840, 12.6780, -6.3881 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 138.2840, 12.6780, -6.3881 by changing the saturation by 10% instead.

■ 138.2840, 12.6780,
-6.3881

■ 138.2840, 12.6780,
-6.3881

■ 255.0000, 0.0000,
0.0000

■ 113.1700, 12.2412,
-6.2881

■ 191.5120, 13.5516,
-6.5880

■ 88.0560, 11.8044,
-6.1881

■ 219.6260, 13.9884,
-6.6880

■ 64.9420, 11.3676,
-6.0881

■ 246.1180, 4.3788,
-4.4885

■ 42.4150, 10.6414,
-6.5030

■ 21.5890, 10.0626,
-7.5326

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,

0.0000

■ 138.2840, 12.6780,
-6.3881

■ 138.2840, 12.6780,
-6.3881

■ 125.8690, 18.7986,
-9.5321

■ 150.6990, 6.5574,
-3.2440

■ 112.5680, 25.3560,
-12.7761

■ 164.0000, 0.0000,
0.0000

■ 100.1530, 31.4766,
-15.9202

■ 176.4150, -6.1206,
3.1440

■ 86.8520, 38.0340,
-19.1642

■ 189.7160,
-12.6780, 6.3881

■ 74.4370, 44.1546,
-22.3082

■ 202.1310,
-18.7986, 9.5321

■ 61.4350, 50.5645,
-24.9375

■ 215.1330,
-25.2086, 12.1614

■ 48.7210, 56.8325,
-28.6963

■ 227.8470,
-31.4766, 15.9202

■ 36.3060, 62.9531,
-31.8404

■ 238.1690,
-36.5653, 14.7608

■ 244.6260,
-39.7486, 9.0980

Harmonies

Analogous

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



135.5490, 14.0263, -18.8985



138.2840, 12.6780, -6.3881



139.6340, 8.5614, 7.3370

Triad

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



138.2840, 12.6780, -6.3881



139.6130, -9.6692, 21.3874



133.4230, -1.6875, -18.7880

Complementary

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



138.2840, 12.6780, -6.3881



156.7160, -12.6780, 6.3881

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.



135.0670, -8.4140, -7.9518



138.2840, 12.6780, -6.3881



138.3580, -12.9945, 14.5950

Square

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



138.2840, 12.6780, -6.3881



140.4050, -4.1437, 22.4468



136.8190, -12.2358, 4.5437



132.9150, 5.4649, -26.2355

Rectangle

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



138.2840, 12.6780, -6.3881



140.3530, 4.7560, 14.5994



136.8190, -12.2358, 4.5437



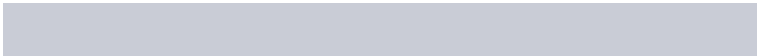
134.4620, -4.1718, -15.3142

Sweetspot

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



138.2840, 12.6780, -6.3881



204.2430, 4.8102, -2.8441



153.4490, 2.2436, -19.6878



101.3850, 2.7682, -1.2146



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.



138.2840, 12.6780, -6.3881



174.0970, 19.6722, -9.7321



137.7520, 12.9403, 2.8485



75.2000, 3.3524, -1.9294



31.7920, 55.8115, -27.8816



3.8130, 6.9942, -3.3440

Inverse Universe

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



141.5510, -2.2436, 19.6878



179.2750, -3.5866, 30.4538



157.2480, -12.9403, -2.8485



75.9190, -0.4531, 5.3330



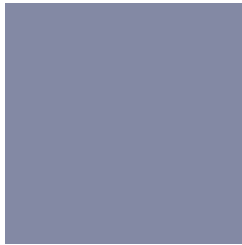
46.3190, -10.0173, 86.5432



5.7240, -1.3429, 10.7661

Previews

White Background



This preview shows how the YUV color 138.2840, 12.6780, -6.3881 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 138.2840, 12.6780, -6.3881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

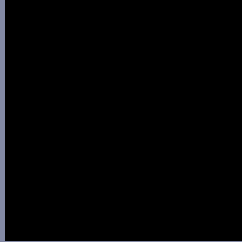
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 138.2840, 12.6780, -6.3881

Background



This preview shows how black text looks on a background with the YUV color 138.2840, 12.6780, -6.3881.



This preview shows how white text looks on a background with the YUV color 138.2840, 12.6780, -6.3881.

-6.3881.

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

138.2840, 12.6780, -6.3881

Protanopia

138.5830, 12.5306, -5.7733

Deuteranopia

139.2030, 12.2249, -1.0550



Tritanopia

136.9650, 6.4263, -7.8623

Trichromacy



Original Color

138.2840, 12.6780, -6.3881

Protanomaly

138.5830, 12.5306, -5.7733

Deuteranomaly

138.8930, 12.3778, -3.4142

Tritanomaly

137.2470, 8.7522, -7.2326

Monochromacy



Original Color

138.2840, 12.6780, -6.3881

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

138.1290, 4.3734, -2.7441

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.2840, 12.6780, -6.3881 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(131, 137, 164)` looks like.

```
.text, #text, p{  
    color:rgb(131, 137, 164)  
}
```

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(131, 137, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 137, 164) }
```

Border

The CSS property to change the border of an element to YUV 138.2840, 12.6780, -6.3881 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(131, 137, 164) }
```


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

```
.border{ border-color:rgb(131, 137, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 137, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 137, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 137, 164);  
box-shadow:4px 4px 4px 4px rgb(131, 137,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 138.2840, 12.6780, -6.3881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 137, 164) }
```

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

```
.background{ background-color: rgb(131,  
137, 164) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor