

Converting Colors

YUV(142.0160, 15.7681,
-17.5540)

Have a look what the booklet for
YUV(142.0160, 15.7681, -17.5540)
contains.

YUV(142.0160, 15.7681, -17.5540)	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(142.0160, 15.7681,
-17.5540)**

Conversions

Conversions Part 1

Format	Color
Hex	7A92AE
RGB	122, 146, 174
RGB Percent	48%, 57%, 68%
CMY	0.5216, 0.4275, 0.3176
CMYK	0.30, 0.16, 0.00, 0.32
HSL	212°, 24%, 58%
HSV	212°, 30%, 68%
XYZ	25.9449, 27.7513, 44.0335
YIQ	142.0160, -23.2920, 3.6200

Conversions

Conversions Part 2

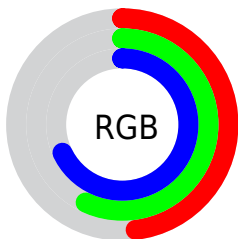
Format	Color
R _Y B	122, 138, 174
Decimal	8032942
CIE Lab	59.66, -1.79, -17.45
CIE LCh	60, 17.538, 264.142
Yxy	27.7513, 0.2655, 0.2840
Android (android.graphics.Color)	4286223022 (0xFF7A92AE)
YUV	142.0160, 15.7681, -17.5540
Hunter-Lab	52.6795, -4.2772, -12.6833

Details

The YUV color `142.0160, 15.7681, -17.5540` is a dark color, and the websafe version is hex `6699CC`. A complement of this color would be `153.9840, -15.7681, 17.5540`, and the grayscale version is `142.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `195.9450, 16.7891, -18.3688`, and `91.7880, 14.8945, -17.3541` is the 20% darker color. If you saturate the color by 10%, you get `131.6500, 20.8785, -23.3721`, and if you desaturate by 10%, it is `152.3820, 10.6577, -11.7360`.

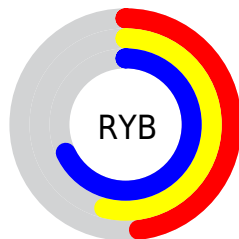
Distribution



Red (48%)

Green (57%)

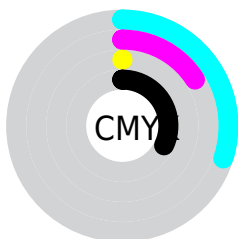
Blue (68%)



Red (48%)

Yellow (54%)

Blue (68%)

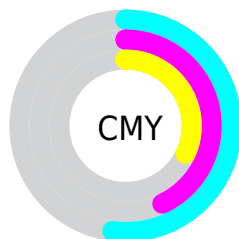


Cyan (30%)

Magenta (16%)

Yellow (0%)

Black (32%)



Cyan (52%)

Magenta (43%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.0160, 15.7681, -17.5540 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 142.0160, 15.7681, -17.5540 by changing the saturation by 10% instead.

■ 142.0160, 15.7681,
-17.5540

■ 142.0160, 15.7681,
-17.5540

255.0000, 0.0000,
0.0000

■ 115.9020, 15.3313,
-17.4541

■ 195.9450, 16.7891,
-18.3688

■ 91.7880, 14.8945,
-17.3541

■ 223.6030, 15.4787,
-18.0688

■ 67.3750, 14.6051,
-17.8689

■ 248.1230, 3.3904,
-14.1399

■ 44.5490, 14.0263,
-18.8985

■ 22.7230, 13.4476,
-19.9281

■ 4.5940, 12.5252,
-4.0289

■ 0.0000, 0.0000,

0.0000

■ 142.0160, 15.7681,
-17.5540

■ 142.0160, 15.7681,
-17.5540

■ 131.6500, 20.8785,
-23.3721

■ 152.3820, 10.6577,
-11.7360

■ 120.3980, 26.4258,
-29.2900

■ 163.6340, 5.1104,
-5.8180

■ 110.0320, 31.5362,
-35.1081

■ 174.0000, 0.0000,
0.0000

■ 99.3670, 36.7941,
-41.5409

■ 184.6650, -5.2578,
6.4328

■ 88.4140, 42.1939,
-46.8441

■ 195.6180,
-10.6577, 11.7360

■ 78.0480, 47.3043,
-52.6621

■ 205.9840,
-15.7681, 17.5540

■ 66.7960, 52.8516,
-58.5801

■ 217.2360,
-21.3153, 23.4720

■ 225.8080,
-25.5413, 25.6014

■ 231.0910,
-28.1459, 20.9682

Harmonies

Analogous

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



138.8960, 14.3483, -28.8498



142.0160, 15.7681, -17.5540



145.1320, 13.2459, -1.8698

Triad

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



142.0160, 15.7681, -17.5540



145.7430, -6.7753, 26.5354



139.6750, -7.2348, -12.8700

Complementary

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



142.0160, 15.7681, -17.5540



153.9840, -15.7681, 17.5540

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.



141.8570, -13.2405, 0.1254



142.0160, 15.7681, -17.5540



145.1140, -12.8742, 22.7020

Square

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



142.0160, 15.7681, -17.5540



146.5560, 0.2189, 23.1914



143.7770, -15.1731, 13.3506



137.7750, 1.0969, -25.2357

Rectangle

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



142.0160, 15.7681, -17.5540



145.6880, 10.0138, 8.1666



143.7770, -15.1731, 13.3506



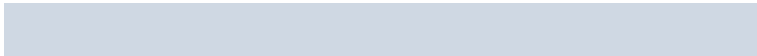
140.1270, -9.4296, -8.8814

Sweetspot

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



142.0160, 15.7681, -17.5540



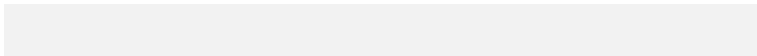
214.5630, 6.1314, -6.6328



155.7160, -2.8180, -29.5689



107.0040, 3.9420, -4.3885



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



142.0160, 15.7681, -17.5540



176.6540, 24.8206, -27.7606



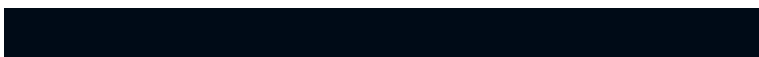
128.5260, 22.4187, -3.9693



81.3740, 2.7736, -2.9590



57.6030, 45.5517, -50.5178



9.0790, 6.8631, -7.9623

Inverse Universe

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



140.2840, 2.8180, 29.5689



173.8500, 4.5110, 46.6126



167.4740, -22.4187, 3.9693



81.1470, 0.4205, 5.1331



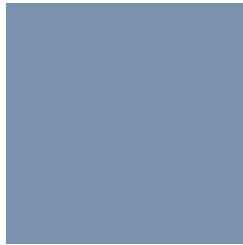
52.7160, 8.0280, 85.3181



8.1310, 1.4144, 13.0401

Previews

White Background



This preview shows how the YUV color 142.0160, 15.7681, -17.5540 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 142.0160, 15.7681, -17.5540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

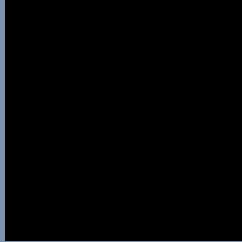
Any Text WCAG AA ✓ Pass

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 142.0160, 15.7681, -17.5540 Background



This preview shows how black text looks on a background with the YUV color 142.0160, 15.7681, -17.5540.



This preview shows how white text looks on a background with the YUV color 142.0160, 15.7681, -17.5540.

-17.5540.

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

142.0160, 15.7681, -17.5540

Protanopia

143.8110, 13.4042, -5.9732

Deuteranopia

144.2890, 15.1405, -2.8845



Tritanopia

140.6970, 9.5164, -19.0283

Trichromacy



Original Color

142.0160, 15.7681, -17.5540

Protanomaly

143.0170, 14.2886, -9.6619

Deuteranomaly

143.3700, 15.5936, -8.2175

Tritanomaly

140.9790, 11.8424, -18.3986

Monochromacy



Original Color

142.0160, 15.7681, -17.5540

Achromatopsia

142.0000, 0.0000, 0.0000

Achromatomaly

141.8620, 5.9840, -6.0180

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.0160, 15.7681, -17.5540 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(122, 146, 174)` looks like.

```
.text, #text, p{  
    color:rgb(122, 146, 174)  
}
```

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(122, 146, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 146, 174) }
```

Border

The CSS property to change the border of an element to YUV 142.0160, 15.7681, -17.5540 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(122, 146, 174) }
```


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

```
.border{ border-color:rgb(122, 146, 174) }
```

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

Here you see how a box with a 4 pixel rgb(122, 146, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 146, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 146, 174);  
box-shadow:4px 4px 4px 4px rgb(122, 146,  
174) }
```

Background

The CSS property to change the background color of an element to YUV 142.0160, 15.7681, -17.5540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 146, 174) }
```

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

```
.background{ background-color: rgb(122,  
146, 174) }
```

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