

Converting Colors

YUV(131.6410, -2.2880,
-12.8402)

Have a look what the booklet for
YUV(131.6410, -2.2880, -12.8402)
contains.

YUV(131.6410, -2.2880, -12.8402)	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(131.6410, -2.2880,
-12.8402)**

Conversions

Conversions Part 1

Format	Color
Hex	758C7F
RGB	117, 140, 127
RGB Percent	46%, 55%, 50%
CMY	0.5412, 0.4510, 0.5020
CMYK	0.16, 0.00, 0.09, 0.45
HSL	146°, 9%, 50%
HSV	146°, 16%, 55%
XYZ	20.5450, 24.0704, 23.6419
YIQ	131.6410, -9.5350, -8.9190

Conversions

Conversions Part 2

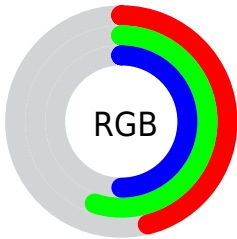
Format	Color
R_{YB}	117, 133, 140
Decimal	7703679
CIE _{Lab}	56.16, -10.95, 4.20
CIE _{LCh}	56, 11.733, 159.016
Yxy	24.0704, 0.3010, 0.3526
Android (android.graphics.Color)	4285893759 (0xFF758C7F)
YUV	131.6410, -2.2880, -12.8402
Hunter-Lab	49.0616, -11.1093, 5.7723

Details

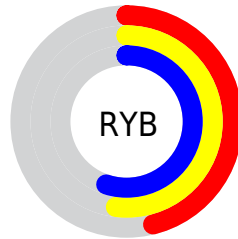
The YUV color $131.6410, -2.2880, -12.8402$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $125.3590, 2.2880, 12.8402$, and the grayscale version is $132.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $184.9290, -2.4300, -13.9697$, and $82.0540, -1.9986, -12.3254$ is the 20% darker color. If you saturate the color by 10%, you get $126.5430, -3.7187, -20.6472$, and if you desaturate by 10%, it is $136.7390, -0.8573, -5.0331$.

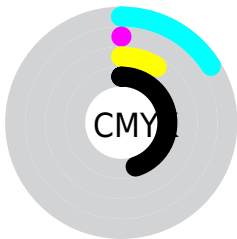
Distribution



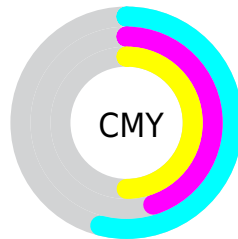
- Red (46%)
- Green (55%)
- Blue (50%)



- Red (46%)
- Yellow (52%)
- Blue (55%)



- Cyan (16%)
- Magenta (0%)
- Yellow (9%)
- Black (45%)



- Cyan (54%)
- Magenta (45%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 131.6410, -2.2880, -12.8402 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 131.6410, -2.2880, -12.8402 by changing the saturation by 10% instead.

■ 131.6410, -2.2880,
-12.8402

■ 131.6410, -2.2880,
-12.8402

255.0000, 0.0000,
0.0000

■ 106.0540, -1.9986,
-12.3254

■ 184.9290, -2.4300,
-13.9697

■ 82.0540, -1.9986,
-12.3254

■ 212.2280, -2.5774,
-13.3550

■ 58.7660, -1.8566,
-11.1958

■ 240.8150, -2.8668,
-13.8698

■ 36.8800, -1.4198,
-11.2958

254.4020, 0.2948,
-1.2296

■ 15.4560, -1.7038,
-13.5549

■ 0.0000, 0.0000,
0.0000

■ 131.6410, -2.2880,
-12.8402

■ 131.6410, -2.2880,
-12.8402

■ 126.5430, -3.7187,
-20.6472

■ 136.7390, -0.8573,
-5.0331

■ 121.4450, -5.1494,
-28.4543

■ 141.8370, 0.5734,
2.7740

■ 116.3470, -6.5801,
-36.2613

■ 146.9350, 2.0040,
10.5810

■ 111.2490, -8.0108,
-44.0684

■ 152.0330, 3.4347,
18.3881

■ 106.1510, -9.4414,
-51.8754

■ 157.1310, 4.8654,
26.1951

■ 101.1670,
-10.4353, -59.7825

■ 162.1150, 5.8593,
34.1021

■ 96.0690, -11.8660,
-67.5895


■ 167.2130, 7.2900,
41.9092


■ 90.9710, -13.2967,

■ 172.3110, 8.7207,

-75.3966

49.7163

 89.1340, -13.8701,
-78.1705

 177.4090, 10.1514,
57.5233

Harmonies

Analogous

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



132.8440, -6.8251, -4.2482



131.6410, -2.2880, -12.8402



131.2750, 2.8224, -18.6582

Triad

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



131.6410, -2.2880, -12.8402



134.3010, 10.2046, -6.4030



135.9760, -6.8902, 16.6840

Complementary

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



131.6410, -2.2880, -12.8402



125.3590, 2.2880, 12.8402

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.



136.8280, -2.3802, 16.8138



131.6410, -2.2880, -12.8402



135.8570, 6.9725, 3.6334

Square

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



131.6410, -2.2880, -12.8402



133.1320, 9.7949, -15.0248



136.4730, 2.7248, 12.7402



135.2590, -9.4947, 12.0509

Rectangle

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



131.6410, -2.2880, -12.8402



130.8880, 6.4642, -20.0728



136.4730, 2.7248, 12.7402



136.0300, -5.4378, 17.5137

Sweetspot

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



131.6410, -2.2880, -12.8402



177.7390, -0.8573, -5.0331



134.3880, -8.5723, -3.8483



89.8640, -0.4260, -3.3887



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



131.6410, -2.2880, -12.8402



167.9560, -3.4293, -20.1324



132.8950, 2.5168, -13.9399



66.4510, -0.7153, -3.9035



84.6830, -13.1547, -74.2670



3.1630, -0.5734, -2.7740

Inverse Universe

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



125.3590, 2.2880, 12.8402



158.0440, 3.4293, 20.1324



124.1050, -2.5168, 13.9399



64.5490, 0.7153, 3.9035



48.3170, 13.1547, 74.2670



1.8370, 0.5734, 2.7740

Previews

White Background



This preview shows how the YUV color 131.6410, -2.2880, -12.8402 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 131.6410, -2.2880, -12.8402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

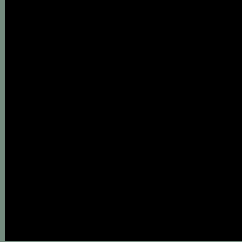
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 131.6410, -2.2880, -12.8402

Background



This preview shows how black text looks on a background with the YUV color 131.6410, -2.2880, -12.8402.



This preview shows how white text looks on a background with the YUV color 131.6410, -2.2880, -12.8402.

-12.8402.

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

131.6410, -2.2880, -12.8402

Protanopia

134.3550, -5.1050, 4.0737

Deuteranopia

135.5670, -3.2375, 11.7807



Tritanopia

133.4700, 7.1633, -10.9362

Trichromacy



Original Color

131.6410, -2.2880, -12.8402

Protanomaly

133.2510, -4.0677, -1.9741

Deuteranomaly

134.2130, -3.0630, 2.4442

Tritanomaly

132.8460, 3.5269, -11.2659

Monochromacy



Original Color

131.6410, -2.2880, -12.8402

Achromatopsia

132.0000, 0.0000, 0.0000

Achromatomaly

132.0380, -1.0047, -4.4183

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.6410, -2.2880, -12.8402 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(117, 140, 127)` looks like.

```
.text, #text, p{  
    color:rgb(117, 140, 127)  
}
```

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(117, 140, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 140, 127) }
```

Border

The CSS property to change the border of an element to YUV 131.6410, -2.2880, -12.8402 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(117, 140, 127) }
```


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

```
.border{ border-color:rgb(117, 140, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 140, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 140, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 140, 127);  
box-shadow:4px 4px 4px 4px rgb(117, 140,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 131.6410, -2.2880, -12.8402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 140, 127) }
```

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

```
.background{ background-color: rgb(117,  
140, 127) }
```

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