

Converting Colors

YUV(137.6170, 4.1328,
-18.9581)

Have a look what the booklet for
YUV(137.6170, 4.1328, -18.9581)
contains.

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Color

**YUV(137.6170, 4.1328,
-18.9581)**

Conversions

Conversions Part 1

Format	Color
Hex	749392
RGB	116, 147, 146
RGB Percent	45%, 58%, 57%
CMY	0.5451, 0.4235, 0.4275
CMYK	0.21, 0.00, 0.01, 0.42
HSL	178°, 13%, 52%
HSV	178°, 21%, 58%
XYZ	22.8245, 26.6558, 31.1362
YIQ	137.6170, -18.1550, -6.8830

Conversions

Conversions Part 2

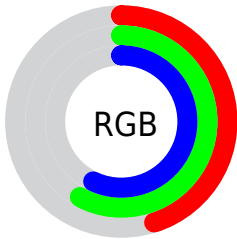
Format	Color
R_{YB}	116, 132, 147
Decimal	7639954
CIE _{Lab}	58.65, -11.00, -3.05
CIE _{LCh}	59, 11.418, 195.495
Yxy	26.6558, 0.2831, 0.3306
Android (android.graphics.Color)	4285830034 (0xFF749392)
YUV	137.6170, 4.1328, -18.9581
Hunter-Lab	51.6292, -11.4390, 0.3842

Details

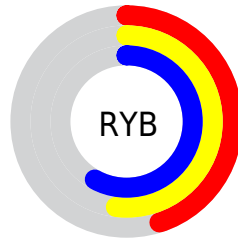
The YUV color $137.6170, 4.1328, -18.9581$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $125.3830, -4.1328, 18.9581$, and the grayscale version is $138.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $191.3180, 4.2802, -19.5729$, and $87.3290, 4.2748, -17.8285$ is the 20% darker color. If you saturate the color by 10%, you get $133.1320, 6.3439, -28.1798$, and if you desaturate by 10%, it is $142.1020, 1.9217, -9.7365$.

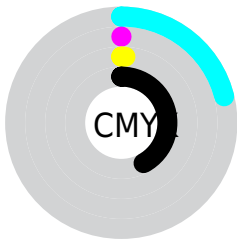
Distribution



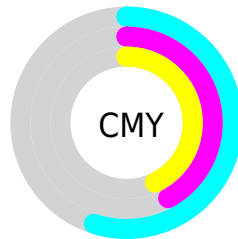
- Red (45%)
- Green (58%)
- Blue (57%)



- Red (45%)
- Yellow (52%)
- Blue (58%)



- Cyan (21%)
- Magenta (0%)
- Yellow (1%)
- Black (42%)



- Cyan (55%)
- Magenta (42%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.6170, 4.1328, -18.9581 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 137.6170, 4.1328, -18.9581 by changing the saturation by 10% instead.

■ 137.6170, 4.1328,
-18.9581

■ 137.6170, 4.1328,
-18.9581

■ 255.0000, 0.0000,
0.0000

■ 111.9160, 3.9854,
-18.3433

■ 191.3180, 4.2802,
-19.5729

■ 87.3290, 4.2748,
-17.8285

■ 219.0190, 4.4276,
-20.1877

■ 64.2150, 3.8380,
-17.7286

■ 245.7310, 4.5696,
-19.0581

■ 41.3290, 4.2748,
-17.8285

■ 254.4020, 0.2948,
-1.2296

■ 20.3290, 4.2748,
-17.8285

■ 0.2280, 0.8736,
-0.2000

■ 0.0000, 0.0000,

0.0000

■ 137.6170, 4.1328,
-18.9581

■ 137.6170, 4.1328,
-18.9581

■ 133.1320, 6.3439,
-28.1798

■ 142.1020, 1.9217,
-9.7365

■ 128.8320, 7.9708,
-36.6867

■ 146.4020, 0.2948,
-1.2296

■ 124.3470, 10.1819,
-45.9083

■ 150.8870, -1.9163,
7.9921

■ 119.7480, 11.9562,
-55.0300

■ 155.4860, -3.6906,
17.1138

■ 115.5620, 14.0199,
-63.6369

■ 159.6720, -5.7543,
25.7207

■ 110.9630, 15.7942,
-72.7586

■ 164.2710, -7.5286,
34.8423

■ 106.4780, 18.0053,
-81.9802

■ 168.7560, -9.7397,
44.0640

■ 102.4770, 19.4848,
-89.8723

■ 173.3550,
-11.5140, 53.1857

■ 177.5410,
-13.5777, 61.7925

Harmonies

Analogous

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



138.2710, -1.1196, -14.2697



137.6170, 4.1328, -18.9581



138.3550, 8.2060, -18.7283

Triad

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



137.6170, 4.1328, -18.9581



142.6400, 6.0935, 5.5777



141.5470, -9.6367, 10.9213

Complementary

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



137.6170, 4.1328, -18.9581



125.3830, -4.1328, 18.9581

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.



142.4490, -7.6164, 16.2692



137.6170, 4.1328, -18.9581



143.1310, 1.4144, 13.0401

Square

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



137.6170, 4.1328, -18.9581



141.3830, 9.1782, -3.8439



142.6000, -3.2538, 17.0138



140.3180, -9.0308, 3.2291

Rectangle

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



137.6170, 4.1328, -18.9581



138.8330, 9.9423, -15.6395



142.6000, -3.2538, 17.0138



141.9710, -9.3527, 13.1804

Sweetspot

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



137.6170, 4.1328, -18.9581



187.7110, 1.6215, -6.7625



134.4960, -9.1185, -15.3440



94.9070, 1.0318, -4.3034



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



137.6170, 4.1328, -18.9581



176.5340, 6.6387, -29.4093



129.5130, 8.6211, -11.8509



71.9070, 1.0318, -4.3034



96.1680, 18.1582, -84.3393



7.0100, 1.4741, -6.1478

Inverse Universe

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



125.3830, -4.1328, 18.9581



157.5800, -6.2019, 29.3093



133.4870, -8.6211, 11.8509



69.0930, -1.0318, 4.3034



41.7180, -18.5950, 84.4393



2.9900, -1.4741, 6.1478

Previews

White Background



This preview shows how the YUV color 137.6170, 4.1328, -18.9581 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 137.6170, 4.1328, -18.9581 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

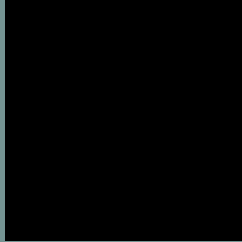
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 137.6170, 4.1328, -18.9581

Background



This preview shows how black text looks on a background with the YUV color 137.6170, 4.1328, -18.9581.



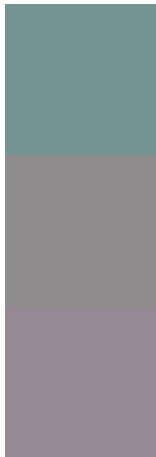
This preview shows how white text looks on a background with the YUV color 137.6170, 4.1328, -18.9581.

-18.9581.

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

137.6170, 4.1328, -18.9581

Protanopia

141.1250, 0.4314, 1.6444

Deuteranopia

142.4400, 2.7411, 7.5071



Tritanopia

138.2950, 9.2216, -17.7987

Trichromacy



Original Color

137.6170, 4.1328, -18.9581

Protanomaly

140.0100, 1.4741, -6.1478

Deuteranomaly

140.7870, 3.0630, -2.4442

Tritanomaly

138.1270, 7.3324, -18.5284

Monochromacy



Original Color

137.6170, 4.1328, -18.9581

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

137.7110, 1.6215, -6.7625

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.6170, 4.1328, -18.9581 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(116, 147, 146)` looks like.

```
.text, #text, p{  
    color:rgb(116, 147, 146)  
}
```

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(116, 147, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 147, 146) }
```

Border

The CSS property to change the border of an element to YUV 137.6170, 4.1328, -18.9581 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(116, 147, 146) }
```


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

```
.border{ border-color:rgb(116, 147, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 147, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 147, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 147, 146);  
box-shadow:4px 4px 4px 4px rgb(116, 147,  
146) }
```

Background

The CSS property to change the background color of an element to YUV 137.6170, 4.1328, -18.9581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 147, 146) }
```

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

```
.background{ background-color: rgb(116,  
147, 146) }
```

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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