

Converting Colors

YUV(129.6060, -21.9908,
100.3235)

Have a look what the booklet for
YUV(129.6060, -21.9908, 100.3235)
contains.

YUV(129.6060, -21.9908, 100.3235)	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(129.6060, -21.9908,
100.3235)**

Conversions

Conversions Part 1

Format	Color
Hex	F45055
RGB	244, 80, 85
RGB Percent	96%, 31%, 33%
CMY	0.0431, 0.6863, 0.6667
CMYK	0.00, 0.67, 0.65, 0.04
HSL	358°, 88%, 64%
HSV	358°, 67%, 96%
XYZ	41.8166, 25.6263, 11.3367
YIQ	129.6060, 96.1390, 36.3230

Conversions

Conversions Part 2

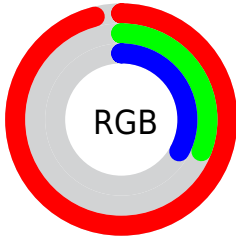
Format	Color
R_{YB}	244, 80, 85
Decimal	16011349
CIE _{Lab}	57.68, 62.69, 32.95
CIE _{LCh}	58, 70.824, 27.723
Yxy	25.6263, 0.5308, 0.3253
Android (android.graphics.Color)	4294201429 (0xFFFF45055)
YUV	129.6060, -21.9908, 100.3235
Hunter-Lab	50.6224, 58.8604, 22.1579

Details

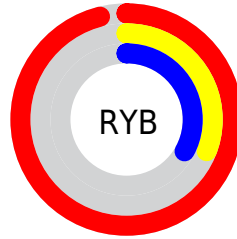
The YUV color **129.6060, -21.9908, 100.3235** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **194.3940, 21.9908, -100.3235**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.0540, -18.2676, 72.7436**, and **58.6790, -9.2087, 107.2755** is the 20% darker color. If you saturate the color by 10%, you get **112.7820, -25.5285, 115.0782**, and if you desaturate by 10%, it is **146.4300, -18.4530, 85.5689**.

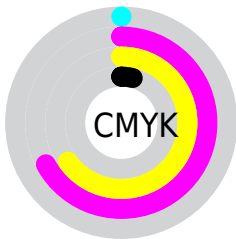
Distribution



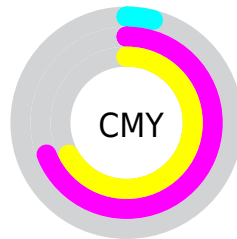
- Red (96%)
- Green (31%)
- Blue (33%)



- Red (96%)
- Yellow (31%)
- Blue (33%)



- Cyan (0%)
- Magenta (67%)
- Yellow (65%)
- Black (4%)




- Cyan (4%)
- Magenta (69%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the YUV color 129.6060, -21.9908, 100.3235 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 129.6060, -21.9908, 100.3235 by changing the saturation by 10% instead.


 129.6060,
-21.9908, 100.3235


 129.6060,
-21.9908, 100.3235


255.0000, 0.0000,
0.0000


 99.2190, -18.3490,
98.9089


 172.0540,
-18.2676, 72.7436

 58.6790, -9.2087,
107.2755


 192.0410,
-15.3032, 55.2150


 46.7170, -13.6645,
89.7022


 212.1420,
-11.9020, 37.5865

 35.5810, -17.5414,
73.1585

 232.3570, -8.0640,
19.8579

 26.4260, -12.5350,
54.0004

 253.1590, -4.5154,
1.6146

 17.9830, -7.3866,
35.9719

 6.2790, -3.0955,

12.9103

■ 0.0000, 0.0000,
0.0000

■ 129.6060,
-21.9908, 100.3235

■ 129.6060,
-21.9908, 100.3235

■ 112.7820,
-25.5285, 115.0782

■ 146.4300,
-18.4530, 85.5689

■ 95.4850, -28.3401,
130.2477

■ 163.7270,
-15.6414, 70.3994

■ 78.6610, -31.8779,
145.0023

■ 180.5510,
-12.1036, 55.6448

■ 73.7540, -32.9097,
149.3057

■ 197.9620, -8.8553,
40.3753

■ 214.6720, -5.7543,
25.7207

231.4960, -2.2165,
10.9660

248.9070, 1.0318,
-4.3034

251.7110, 1.6215,
-6.7625

Harmonies

Analogous

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



130.6900, 7.5478, 99.3729



129.6060, -21.9908, 100.3235



131.8300, -52.1742, 74.6941

Triad

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



129.6060, -21.9908, 100.3235



102.2590, -16.8897, -89.6811



115.9460, 68.5536, -101.6846

Complementary

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



129.6060, -21.9908, 100.3235



194.3940, 21.9908, -100.3235

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.



122.2090, 59.5500, -107.1773



129.6060, -21.9908, 100.3235



112.4900, 9.6184, -98.6537

Square

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



129.6060, -21.9908, 100.3235



122.1140, -60.2022, -10.6240



119.6720, 37.1367, -104.9523



138.5490, 54.4523, -11.8825

Rectangle

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



129.6060, -21.9908, 100.3235



130.7610, -64.4652, 50.1986



119.6720, 37.1367, -104.9523



118.8810, 67.1067, -104.2586

Sweetspot

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



129.6060, -21.9908, 100.3235



219.4770, -6.6442, 31.1537



146.2370, 48.1972, 81.3532



106.3830, -4.1328, 18.9581



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



129.6060, -21.9908, 100.3235



110.6910, -27.4557, 126.5590



174.2350, -46.4579, 61.1839



113.7020, -1.3321, 7.2773



56.2980, -24.7969, 113.7487



17.8690, -7.8234, 36.0719

Inverse Universe

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



129.6060, -21.9908, 100.3235



110.6910, -27.4557, 126.5590



149.7650, 46.4579, -61.1839



113.7020, -1.3321, 7.2773



56.2980, -24.7969, 113.7487



17.8690, -7.8234, 36.0719

Previews

White Background



This preview shows how the YUV color 129.6060, -21.9908, 100.3235 looks on a white background.

Color Contrast Check

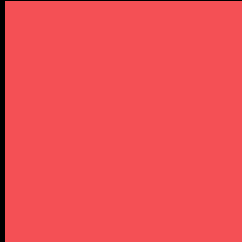
Large Text (above 18pt) WCAG AA ✓ Pass

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 129.6060, -21.9908, 100.3235 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 129.6060, -21.9908, 100.3235 Background



This preview shows how black text looks on a background with the YUV color 129.6060, -21.9908, 100.3235.



This preview shows how white text looks on a background with the YUV color 129.6060, -21.9908, 100.3235.

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

129.6060, -21.9908, 100.3235

Protanopia

138.1570, -14.8674, 8.6323

Deuteranopia

136.9780, -30.0622, 28.9603



Tritanopia

129.4920, -22.4276, 100.4235

Trichromacy



Original Color

129.6060, -21.9908, 100.3235

Protanomaly

135.3830, -17.4438, 41.7601

Deuteranomaly

134.2400, -27.2333, 55.0405

Tritanomaly

129.4920, -22.4276, 100.4235

Monochromacy



Original Color

129.6060, -21.9908, 100.3235

Achromatopsia

130.0000, 0.0000, 0.0000

Achromatomaly

129.8690, -7.8234, 36.0719

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.6060, -21.9908, 100.3235 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(244, 80, 85)` looks like.

```
.text, #text, p{  
    color:rgb(244, 80, 85)  
}
```

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(244, 80, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 80, 85) }
```

Border

The CSS property to change the border of an element to YUV 129.6060, -21.9908, 100.3235 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(244, 80, 85) }
```


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

```
.border{ border-color:rgb(244, 80, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 80, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 80, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 80, 85);  
box-shadow:4px 4px 4px 4px rgb(244, 80,  
85) }
```

Background

The CSS property to change the background color of an element to YUV 129.6060, -21.9908, 100.3235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 80, 85) }
```

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

```
.background{ background-color: rgb(244, 80,  
85) }
```

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