

Converting Colors

YUV(127.7670, -19.6051,
81.7653)

Have a look what the booklet for
YUV(127.7670, -19.6051, 81.7653)
contains.

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Color

**YUV(127.7670, -19.6051,
81.7653)**

Conversions

Conversions Part 1

Format	Color
Hex	DD5858
RGB	221, 88, 88
RGB Percent	87%, 35%, 35%
CMY	0.1333, 0.6549, 0.6549
CMYK	0.00, 0.60, 0.60, 0.13
HSL	0°, 66%, 61%
HSV	0°, 60%, 87%
XYZ	35.0700, 23.0562, 11.8344
YIQ	127.7670, 79.2680, 28.1960

Conversions

Conversions Part 2

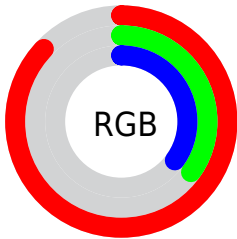
Format	Color
R_{YB}	221, 88, 88
Decimal	14506072
CIE Lab	55.13, 52.03, 27.19
CIE LCh	55, 58.703, 27.595
Yxy	23.0562, 0.5013, 0.3296
Android (android.graphics.Color)	4292696152 (0xFFDD5858)
YUV	127.7670, -19.6051, 81.7653
Hunter-Lab	48.0169, 46.3412, 18.9990

Details

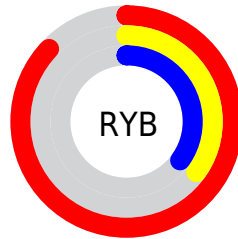
The YUV color **127.7670, -19.6051, 81.7653** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **181.2330, 19.6051, -81.7653**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.9180, -18.6936, 69.3549**, and **70.3520, -13.4845, 78.6213** is the 20% darker color. If you saturate the color by 10%, you get **112.3450, -22.8481, 95.2904**, and if you desaturate by 10%, it is **143.1890, -16.3622, 68.2402**.

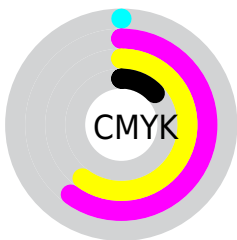
Distribution



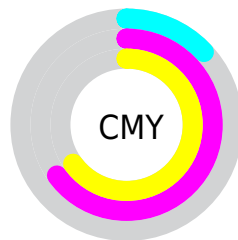
- Red (87%)
- Green (35%)
- Blue (35%)



- Red (87%)
- Yellow (35%)
- Blue (35%)



- Cyan (0%)
- Magenta (60%)
- Yellow (60%)
- Black (13%)





- Cyan (13%)
- Magenta (65%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the YUV color 127.7670, -19.6051, 81.7653 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 127.7670, -19.6051, 81.7653 by changing the saturation by 10% instead.


 127.7670,
-19.6051, 81.7653


 127.7670,
-19.6051, 81.7653


255.0000, 0.0000,
0.0000


 99.4400, -16.9789,
79.4211


 175.9180,
-18.6936, 69.3549

 70.3520, -13.4845,
78.6213


 195.3180,
-15.4398, 52.3411


 41.3780, -9.5534,
77.7215


 214.8320,
-11.7492, 35.2273

 30.1990, -14.8881,
62.0925

 235.0470, -7.9112,
17.4988

 21.2290, -10.4659,
43.6492

 254.2020, -3.0576,
0.6998

 12.9710, -5.9017,
26.3354

 0.0000, 0.0000,

0.0000

■ 127.7670,
-19.6051, 81.7653

■ 127.7670,
-19.6051, 81.7653

■ 112.3450,
-22.8481, 95.2904

■ 143.1890,
-16.3622, 68.2402

■ 96.9230, -26.0910,
108.8155

■ 158.6110,
-13.1192, 54.7152

■ 81.5010, -29.3340,
122.3406

■ 174.0330, -9.8763,
41.1901

■ 66.0790, -32.5769,
135.8657

■ 189.4550, -6.6333,
27.6650

■ 205.5780, -3.2430,
13.5251

■ 221.0000, 0.0000,
0.0000

■ 236.4220, 3.2430,
-13.5251

■ 244.8340, 5.0118,
-20.9024

Harmonies

Analogous

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



129.6460, 4.1185, 79.2405



127.7670, -19.6051, 81.7653



127.9130, -41.3691, 62.3433

Triad

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



127.7670, -19.6051, 81.7653



105.7440, -15.6498, -67.3045



108.2690, 61.9854, -94.9519

Complementary

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



127.7670, -19.6051, 81.7653



181.2330, 19.6051, -81.7653

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.



113.3750, 51.0871, -99.4299



127.7670, -19.6051, 81.7653



105.3490, 10.1809, -92.3911

Square

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



127.7670, -19.6051, 81.7653



120.5500, -44.6411, -8.3753



111.2770, 32.8944, -97.5899



132.9380, 44.4006, -7.8386

Rectangle

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



127.7670, -19.6051, 81.7653



126.2190, -52.3660, 42.7809



111.2770, 32.8944, -97.5899



110.8620, 59.2280, -97.2260

Sweetspot

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



127.7670, -19.6051, 81.7653



222.7540, -6.7807, 28.2797



142.9290, 38.4890, 68.4683



107.6710, -4.2748, 17.8285



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.



127.7670, -19.6051, 81.7653



126.0160, -27.1229, 113.1190



167.0960, -38.9943, 47.2738



102.2890, -1.6215, 6.7625



51.7270, -25.5014, 106.3564



13.7540, -6.7807, 28.2797

Inverse Universe

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



181.2330, 19.6051, -81.7653



199.9840, 27.1229, -113.1190



142.4910, 38.7049, -47.7886



106.7110, 1.6215, -6.7625



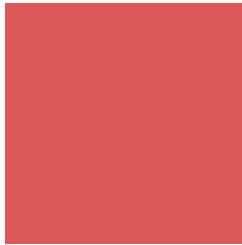
121.2730, 25.5014, -106.3564



32.2460, 6.7807, -28.2797

Previews

White Background



This preview shows how the YUV color 127.7670, -19.6051, 81.7653 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 127.7670, -19.6051, 81.7653 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 127.7670, -19.6051, 81.7653

Background



This preview shows how black text looks on a background with the YUV color 127.7670, -19.6051, 81.7653.



This preview shows how white text looks on a background with the YUV color 127.7670, -19.6051, 81.7653.

81.7653.

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

127.7670, -19.6051, 81.7653

Protanopia

131.8410, -12.2466, 8.0324

Deuteranopia

131.7370, -24.5203, 24.7867



Tritanopia

127.7500, -17.1318, 81.7802

Trichromacy



Original Color

127.7670, -19.6051, 81.7653

Protanomaly

130.3220, -14.9487, 34.7976

Deuteranomaly

130.3250, -22.8382, 45.3190

Tritanomaly

127.5220, -18.0053, 81.9802

Monochromacy



Original Color

127.7670, -19.6051, 81.7653

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

127.6510, -7.2229, 30.1241

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.7670, -19.6051, 81.7653 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(221, 88, 88)` looks like.

```
.text, #text, p{  
    color:rgb(221, 88, 88)  
}
```

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(221, 88, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 88, 88) }
```

Border

The CSS property to change the border of an element to YUV 127.7670, -19.6051, 81.7653 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(221, 88, 88) }
```


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

```
.border{ border-color:rgb(221, 88, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 88, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 88, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 88, 88);  
box-shadow:4px 4px 4px 4px rgb(221, 88,  
88) }
```

Background

The CSS property to change the background color of an element to YUV 127.7670, -19.6051, 81.7653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 88, 88) }
```

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

```
.background{ background-color: rgb(221, 88,  
88) }
```

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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