

Converting Colors

YUV(119.3110, -21.3523,
82.1653)

Have a look what the booklet for
YUV(119.3110, -21.3523, 82.1653)
contains.

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Color

**YUV(119.3110, -21.3523,
82.1653)**

Conversions

Conversions Part 1

Format	Color
Hex	D5504C
RGB	213, 80, 76
RGB Percent	84%, 31%, 30%
CMY	0.1647, 0.6863, 0.7020
CMYK	0.00, 0.62, 0.64, 0.16
HSL	2°, 62%, 57%
HSV	2°, 64%, 84%
XYZ	31.6137, 20.4053, 9.1099
YIQ	119.3110, 80.5520, 26.9520

Conversions

Conversions Part 2

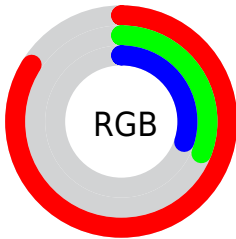
Format	Color
RYB	213, 80, 76
Decimal	13979724
CIELab	52.29, 52.07, 30.27
CIELCh	52, 60.227, 30.173
Yxy	20.4053, 0.5172, 0.3338
Android (android.graphics.Color)	4292169804 (0xFFD5504C)
YUV	119.3110, -21.3523, 82.1653
Hunter-Lab	45.1722, 45.8719, 19.6635

Details

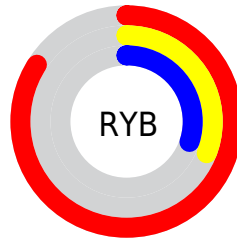
The YUV color **119.3110, -21.3523, 82.1653** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **169.6890, 21.3523, -82.1653**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.7400, -22.0568, 74.7730**, and **60.2490, -13.9268, 80.4656** is the 20% darker color. If you saturate the color by 10%, you get **104.5900, -24.4479, 95.0756**, and if you desaturate by 10%, it is **134.0320, -18.2568, 69.2549**.

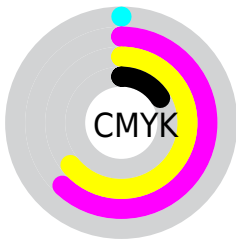
Distribution



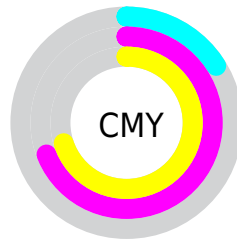
- Red (84%)
- Green (31%)
- Blue (30%)



- Red (84%)
- Yellow (31%)
- Blue (30%)



- Cyan (0%)
- Magenta (62%)
- Yellow (64%)
- Black (16%)





- Cyan (16%)
- Magenta (69%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the YUV color 119.3110, -21.3523, 82.1653 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 119.3110, -21.3523, 82.1653 by changing the saturation by 10% instead.


 119.3110,
-21.3523, 82.1653


 119.3110,
-21.3523, 82.1653


255.0000, 0.0000,
0.0000

 90.9840, -18.7261,
79.8210


 169.7400,
-22.0568, 74.7730


 60.2490, -13.9268,
80.4656


 188.5530,
-18.5136, 58.2740


 37.6180, -13.6157,
74.0030


 208.6540,
-15.1124, 40.6454

 27.5080, -13.5614,
56.5595

 228.1680,
-11.4218, 23.5317

 19.2500, -8.9972,
39.2458

 249.0840, -7.4364,
5.1883

 9.9810, -4.4276,
20.1877

 0.0000, 0.0000,

0.0000

■ 119.3110,
-21.3523, 82.1653

■ 119.3110,
-21.3523, 82.1653

■ 104.5900,
-24.4479, 95.0756

■ 134.0320,
-18.2568, 69.2549

■ 90.3420, -28.2696,
107.5711

■ 148.2800,
-14.4350, 56.7594

■ 75.6210, -31.3652,
120.4814

■ 163.0010,
-11.3395, 43.8491

■ 67.2090, -33.1340,
127.8587

■ 177.7220, -8.2439,
30.9388

■ 191.9700, -4.4222,
18.4433

■ 206.6910, -1.3267,
5.5330

■ 221.4120, 1.7689,
-7.3773

■ 235.5460, 5.1538,
-19.7728

■ 242.4420, 6.1911,
-25.8206

Harmonies

Analogous

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



120.1410, 3.3815, 82.3143



119.3110, -21.3523, 82.1653



119.8050, -44.2739, 60.6840

Triad

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



119.3110, -21.3523, 82.1653



93.0950, -11.3858, -81.6443



103.0030, 62.1165, -90.3336

Complementary

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



119.3110, -21.3523, 82.1653



169.6890, 21.3523, -82.1653

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.



108.3370, 52.0919, -95.0115



119.3110, -21.3523, 82.1653



100.8980, 10.8963, -88.4875

Square

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



119.3110, -21.3523, 82.1653



112.0010, -45.3565, -12.2789



106.8260, 33.6098, -93.6864



126.4440, 43.6581, -3.0204

Rectangle

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



119.3110, -21.3523, 82.1653



117.1280, -57.7441, 41.1067



106.8260, 33.6098, -93.6864



105.7100, 59.7960, -92.7077

Sweetspot

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



119.3110, -21.3523, 82.1653



221.9390, -7.3649, 28.9945



132.3530, 38.7730, 70.7274



107.5570, -4.7116, 17.9285



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.



119.3110, -21.3523, 82.1653



120.5390, -30.3387, 117.9223



158.6400, -40.7415, 47.6737



99.8760, -1.9109, 6.2477



54.0640, -26.6536, 102.5529



13.4440, -6.6279, 25.9206

Inverse Universe

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



169.6890, 21.3523, -82.1653



192.8740, 30.6281, -117.4075



130.3600, 40.7415, -47.6737



103.7110, 1.6215, -6.7625



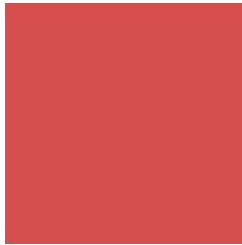
116.9360, 26.6536, -102.5529



29.5560, 6.6279, -25.9206

Previews

White Background



This preview shows how the YUV color 119.3110, -21.3523, 82.1653 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 119.3110, -21.3523, 82.1653 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 119.3110, -21.3523, 82.1653

Background



This preview shows how black text looks on a background with the YUV color 119.3110, -21.3523, 82.1653.



This preview shows how white text looks on a background with the YUV color 119.3110, -21.3523, 82.1653.

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

119.3110, -21.3523, 82.1653

Protanopia

124.1570, -14.8674, 8.6323

Deuteranopia

123.4660, -26.8517, 25.9013



Tritanopia

119.6360, -17.5685, 81.8802

Trichromacy



Original Color

119.3110, -21.3523, 82.1653

Protanomaly

122.6380, -17.5695, 35.3975

Deuteranomaly

122.1680, -24.7328, 46.3337

Tritanomaly

119.2940, -18.8789, 82.1802

Monochromacy



Original Color

119.3110, -21.3523, 82.1653

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

119.1240, -7.9491, 29.7093

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.3110, -21.3523, 82.1653 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(213, 80, 76)` looks like.

```
.text, #text, p{  
    color:rgb(213, 80, 76)  
}
```

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(213, 80, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 80, 76) }
```

Border

The CSS property to change the border of an element to YUV 119.3110, -21.3523, 82.1653 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(213, 80, 76) }
```


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

```
.border{ border-color:rgb(213, 80, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 80, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 80, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 80, 76);  
box-shadow:4px 4px 4px 4px rgb(213, 80,  
76) }
```

Background

The CSS property to change the background color of an element to YUV 119.3110, -21.3523, 82.1653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 80, 76) }
```

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

```
.background{ background-color: rgb(213, 80,  
76) }
```

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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