

Converting Colors

YUV(121.3180, -25.2998,
88.2981)

Have a look what the booklet for
YUV(121.3180, -25.2998, 88.2981)
contains.

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Color

**YUV(121.3180, -25.2998,
88.2981)**

Conversions

Conversions Part 1

Format	Color
Hex	DE5046
RGB	222, 80, 70
RGB Percent	87%, 31%, 27%
CMY	0.1294, 0.6863, 0.7255
CMYK	0.00, 0.64, 0.68, 0.13
HSL	4°, 70%, 57%
HSV	4°, 68%, 87%
XYZ	34.0984, 21.7091, 8.1874
YIQ	121.3180, 87.8420, 26.9940

Conversions

Conversions Part 2

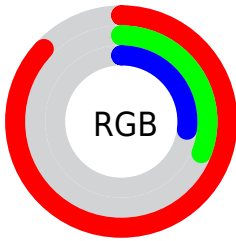
Format	Color
R _Y B	222, 81, 70
Decimal	14569542
CIE Lab	53.72, 54.77, 35.79
CIE LCh	54, 65.428, 33.158
Yxy	21.7091, 0.5328, 0.3392
Android (android.graphics.Color)	4292759622 (0xFFDE5046)
YUV	121.3180, -25.2998, 88.2981
Hunter-Lab	46.5930, 49.0945, 22.1965

Details

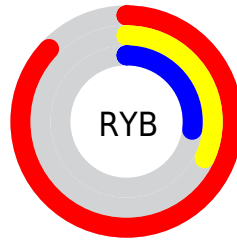
The YUV color **121.3180, -25.2998, 88.2981** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **170.6820, 25.2998, -88.2981**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.0560, -24.6776, 75.3729**, and **59.6090, -16.5692, 88.0429** is the 20% darker color. If you saturate the color by 10%, you get **106.4830, -28.8321, 101.3084**, and if you desaturate by 10%, it is **136.1530, -21.7674, 75.2878**.

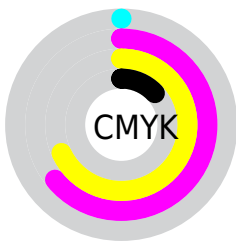
Distribution



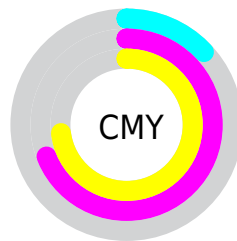
- Red (87%)
- Green (31%)
- Blue (27%)



- Red (87%)
- Yellow (32%)
- Blue (27%)



- Cyan (0%)
- Magenta (64%)
- Yellow (68%)
- Black (13%)





- Cyan (13%)
- Magenta (69%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the YUV color 121.3180, -25.2998, 88.2981 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 121.3180, -25.2998, 88.2981 by changing the saturation by 10% instead.


 121.3180,
-25.2998, 88.2981

 121.3180,
-25.2998, 88.2981


255.0000, 0.0000,
0.0000

 92.4040, -22.3842,
86.4687


 169.0560,
-24.6776, 75.3729


 59.6090, -16.5692,
88.0429


 188.4560,
-21.4238, 58.3591

 38.7990, -18.1419,
79.1063


 208.4430,
-18.4594, 40.8305

 29.6010, -14.5933,
60.8629

 228.6580,
-14.6214, 23.1019

 21.0440, -9.8817,
42.9344

 248.8730,
-10.7834, 5.3734

 12.3730, -5.6069,
25.1059

 0.0000, 0.0000,

0.0000

■ 121.3180,
-25.2998, 88.2981

■ 121.3180,
-25.2998, 88.2981

■ 106.4830,
-28.8321, 101.3084

■ 136.1530,
-21.7674, 75.2878

■ 92.2350, -32.6539,
113.8039

■ 150.4010,
-17.9457, 62.7923

■ 77.2860, -36.6230,
126.9142

■ 165.3500,
-13.9765, 49.6821

■ 75.1830, -37.0652,
128.7585

■ 180.1850,
-10.4442, 36.6718

■ 195.0200, -6.9119,
23.6615

■ 209.2680, -3.0901,
11.1660

■ 224.1030, 0.4422,
-1.8443

■ 239.0520, 4.4114,
-14.9546

■ 245.1330, 4.8644,
-20.2876

Harmonies

Analogous

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



121.4520, 1.7492, 92.5656



121.3180, -25.2998, 88.2981



121.6390, -52.5730, 62.5836

Triad

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



121.3180, -25.2998, 88.2981



96.4860, -11.0856, -84.6182



105.6590, 67.2161, -92.6629

Complementary

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



121.3180, -25.2998, 88.2981



170.6820, 25.2998, -88.2981

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.



112.3950, 57.4863, -98.5704



121.3180, -25.2998, 88.2981



105.5600, 13.5279, -92.5761

Square

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



121.3180, -25.2998, 88.2981



112.0450, -48.8292, -18.4565



111.3570, 38.2780, -97.6601



130.1720, 46.2572, 3.3572

Rectangle

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



121.3180, -25.2998, 88.2981



120.3620, -59.3385, 39.1475



111.3570, 38.2780, -97.6601



109.0670, 65.0430, -95.6518

Sweetspot

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



121.3180, -25.2998, 88.2981



219.4940, -9.1175, 31.1388



131.8640, 40.4930, 79.0493



106.7420, -5.2958, 18.6433



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.



121.3180, -25.2998, 88.2981



116.7090, -34.8595, 121.2812



164.7560, -46.7147, 50.2030



104.8760, -1.9109, 6.2477



59.6680, -29.4163, 102.0232



16.1130, -7.9437, 27.9649

Inverse Universe

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



170.6820, 25.2998, -88.2981



184.2910, 34.8595, -121.2812



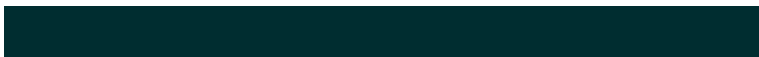
127.2440, 46.7147, -50.2030



108.1240, 1.9109, -6.2477



116.3320, 29.4163, -102.0232



31.8870, 7.9437, -27.9649

Previews

White Background



This preview shows how the YUV color 121.3180, -25.2998, 88.2981 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 121.3180, -25.2998, 88.2981 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 121.3180, -25.2998, 88.2981

Background



This preview shows how black text looks on a background with the YUV color 121.3180, -25.2998, 88.2981.



This preview shows how white text looks on a background with the YUV color 121.3180, -25.2998, 88.2981.

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

121.3180, -25.2998, 88.2981

Protanopia

127.3160, -19.3828, 10.2469

Deuteranopia

126.8100, -31.9513, 28.2306



Tritanopia

121.9250, -19.1900, 88.6428

Trichromacy



Original Color

121.3180, -25.2998, 88.2981

Protanomaly

124.9220, -21.6535, 38.6564

Deuteranomaly

124.6370, -29.4010, 50.3074

Tritanomaly

121.9420, -21.6634, 88.6279

Monochromacy



Original Color

121.3180, -25.2998, 88.2981

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

121.0920, -9.4124, 32.3683

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.3180, -25.2998, 88.2981 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(222, 80, 70)` looks like.

```
.text, #text, p{  
    color:rgb(222, 80, 70)  
}
```

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(222, 80, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 80, 70) }
```

Border

The CSS property to change the border of an element to YUV 121.3180, -25.2998, 88.2981 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(222, 80, 70) }
```


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

```
.border{ border-color:rgb(222, 80, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 80, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 80, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 80, 70);  
box-shadow:4px 4px 4px 4px rgb(222, 80,  
70) }
```

Background

The CSS property to change the background color of an element to YUV 121.3180, -25.2998, 88.2981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 80, 70) }
```

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

```
.background{ background-color: rgb(222, 80,  
70) }
```

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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