

Converting Colors

YIQ(121.3180, 87.8420, 26.9940)

Have a look what the booklet for
YIQ(121.3180, 87.8420, 26.9940)
contains.

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Color

**YIQ(121.3180, 87.8420,
26.9940)**

Conversions

Conversions Part 1

Format	Color
Hex	DE5046
RGB	222, 80, 70
RGB Percent	87%, 31%, 27%
CMY	0.1291, 0.6865, 0.7251
CMYK	0.00, 0.64, 0.68, 0.13
HSL	4°, 70%, 57%
HSV	4°, 68%, 87%
XYZ	34.1228, 21.7149, 8.2023
YIQ	121.3180, 87.8420, 26.9940

Conversions

Conversions Part 2

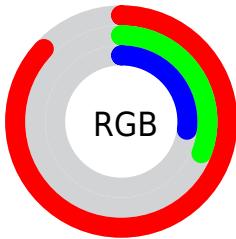
Format	Color
RYB	222, 81, 70
Decimal	14569542
CIELab	53.72, 54.83, 35.74
CIELCh	54, 65.454, 33.100
Yxy	21.7149, 0.5328, 0.3391
Android (android.graphics.Color)	4292759622 (0xFFDE5046)
YUV	121.3180, -25.2998, 88.2981
Hunter-Lab	46.5992, 49.1598, 22.1833

Details

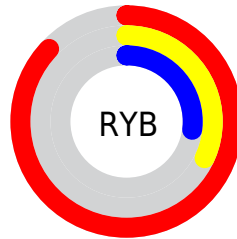
The YIQ color **121.3180, 87.8420, 26.9940** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **170.6820, -87.8420, -26.9940**, and the grayscale version is **122.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **169.0560, 76.6560, 20.4640**, and **59.6090, 82.8890, 34.1610** is the 20% darker color. If you saturate the color by 10%, you get **106.4830, 100.6790, 31.1350**, and if you desaturate by 10%, it is **136.1530, 75.0050, 22.8530**.

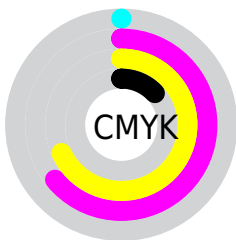
Distribution



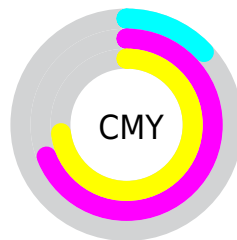
- Red (87%)
- Green (31%)
- Blue (27%)



- 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 YIQ color 121.3180, 87.8420, 26.9940 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 YIQ color 121.3180, 87.8420, 26.9940 by changing the saturation by 10% instead.


 121.3180, 87.8420,
26.9940


 121.3180, 87.8420,
26.9940


255.0000, -0.0000,
-0.0000


 92.4040, 84.7240,
28.4360


 169.0560, 76.6560,
20.4640


 59.6090, 82.8890,
34.1610


 188.4560, 60.6100,
13.9060


 38.7990, 76.2420,
27.9700


 208.4430, 44.2890,
6.8250

 29.6010, 59.0040,
20.9880

 228.6580, 27.3260,
0.3660

 21.0440, 41.3990,
15.1510

 248.8730, 10.3630,
-6.0930

 12.3730, 24.1150,
9.0030

 0.0000, 0.0000,

0.0000

■ 121.3180, 87.8420,
26.9940

■ 121.3180, 87.8420,
26.9940

■ 106.4830,
100.6790, 31.1350

■ 136.1530, 75.0050,
22.8530

■ 91.6480, 113.5160,
35.2760

■ 150.5150, 62.1220,
19.5460

■ 77.2860, 126.3990,
38.5830

■ 165.3500, 49.2850,
15.4050

■ 74.5960, 128.4620,
39.7420

■ 180.1850, 36.4480,
11.2640

■ 195.0200, 23.6110,
7.1230

■ 209.8550, 10.7740,
2.9820

■ 224.2170, -2.1090,
-0.3250

■ 239.0520,
-14.9460, -4.4660

■ 245.1330,
-19.6680, -6.9960

Harmonies

Analogous

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



121.4520, 76.7420, 51.9580



121.3180, 87.8420, 26.9940



121.9380, 81.6590, -9.6450

Triad

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



121.3180, 87.8420, 26.9940



96.4860, -65.0040, -55.4360



105.6590, -114.2570, 5.7030

Complementary

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



121.3180, 87.8420, 26.9940



170.6820, -87.8420, -26.9940

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, -113.9340, -5.6620



121.3180, 87.8420, 26.9940



105.5600, -85.0430, -39.1790

Square

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



121.3180, 87.8420, 26.9940



111.9310, 11.3340, -51.2420



111.3570, -102.7440, -21.2400



130.7590, -22.5650, 40.0190

Rectangle

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



121.3180, 87.8420, 26.9940



120.3620, 65.0650, -28.3030



111.3570, -102.7440, -21.2400



109.0670, -115.5860, 2.2540

Sweetspot

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



121.3180, 87.8420, 26.9940



219.4940, 31.0840, 9.3560



131.8640, 44.3680, 77.0080



106.7420, 18.5220, 5.7380



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, 87.8420, 26.9940



116.1220, 120.9890, 37.5090



164.7560, 67.4920, -11.7080



104.8760, 6.2810, 1.8090



59.0810, 101.8710, 31.5590



16.1130, 27.7830, 8.6070

Inverse Universe

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



170.6820, -87.8420, -26.9940



184.2910, -120.7140, -36.9860



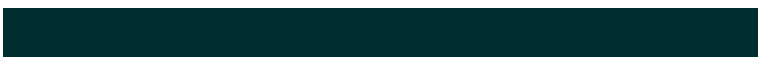
127.2440, -67.4920, 11.7080



108.1240, -6.2810, -1.8090



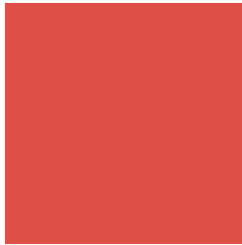
116.9190, -101.8710, -31.5590



31.8870, -27.7830, -8.6070

Previews

White Background



This preview shows how the YIQ color 121.3180, 87.8420, 26.9940 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 YIQ color 121.3180, 87.8420, 26.9940 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](#).

YIQ 121.3180, 87.8420, 26.9940

Background



This preview shows how black text looks on a background with the YIQ color 121.3180, 87.8420, 26.9940.



This preview shows how white text looks on a background with the YIQ color 121.3180, 87.8420,

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, 87.8420, 26.9940

Protanopia

127.3160, 19.1210, -10.6310

Deuteranopia

126.8100, 41.0370, -11.3390



Tritanopia

121.9250, 84.8150, 32.2950

Trichromacy



Original Color

121.3180, 87.8420, 26.9940

Protanomaly

124.9220, 44.1980, 2.9660

Deuteranomaly

124.6370, 58.1820, 2.8380

Tritanomaly

121.9420, 86.1450, 30.2170

Monochromacy



Original Color

121.3180, 87.8420, 26.9940

Achromatopsia

121.0000, -0.0000, 0.0000

Achromatomaly

121.0920, 32.2760, 9.7800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 121.3180, 87.8420, 26.9940 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 YIQ 121.3180, 87.8420, 26.9940 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 YIQ 121.3180, 87.8420, 26.9940 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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