

Converting Colors

YIQ(120.8280, 77.2980, 19.8420)

Have a look what the booklet for
YIQ(120.8280, 77.2980, 19.8420)
contains.

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Color

**YIQ(120.8280, 77.2980,
19.8420)**

Conversions

Conversions Part 1

Format	Color
Hex	CF5745
RGB	207, 87, 69
RGB Percent	81%, 34%, 27%
CMY	0.1880, 0.6590, 0.7291
CMYK	0.00, 0.58, 0.67, 0.19
HSL	8°, 59%, 54%
HSV	8°, 67%, 81%
XYZ	30.2325, 20.5144, 8.0098
YIQ	120.8280, 77.2980, 19.8420

Conversions

Conversions Part 2

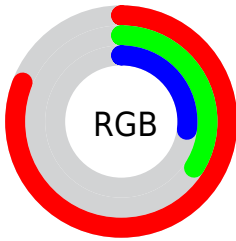
Format	Color
R_{YB}	207, 90, 69
Decimal	13588293
CIE _{Lab}	52.41, 46.42, 34.15
CIE _{LCh}	52, 57.633, 36.343
Yxy	20.5144, 0.5145, 0.3491
Android (android.graphics.Color)	4291778373 (0xFFCF5745)
YUV	120.8280, -25.5512, 75.5728
Hunter-Lab	45.2928, 39.8846, 21.2198

Details

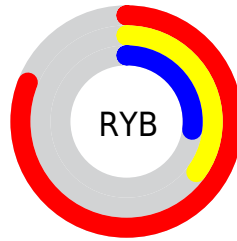
The YIQ color **120.8280, 77.2980, 19.8420** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **155.1720, -77.2980, -19.8420**, and the grayscale version is **121.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **172.4640, 75.3270, 17.0150**, and **65.1740, 70.5120, 21.6800** is the 20% darker color. If you saturate the color by 10%, you get **107.8680, 88.9890, 22.7250**, and if you desaturate by 10%, it is **133.7880, 65.6070, 16.9590**.

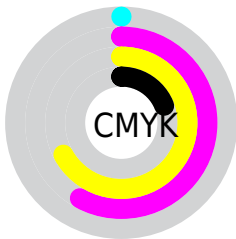
Distribution



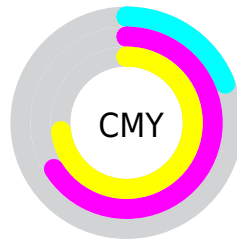
- Red (81%)
- Green (34%)
- Blue (27%)



- Red (81%)
- Yellow (35%)
- Blue (27%)



- Cyan (0%)
- Magenta (58%)
- Yellow (67%)
- Black (19%)





- Cyan (19%)
- Magenta (66%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 120.8280, 77.2980, 19.8420 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 120.8280, 77.2980, 19.8420 by changing the saturation by 10% instead.


 120.8280, 77.2980,
19.8420


 120.8280, 77.2980,
19.8420


255.0000, -0.0000,
-0.0000


 93.3870, 74.2260,
20.4500


 171.8770, 75.6020,
17.5380


 65.2880, 70.1910,
21.9910


 191.2770, 59.5560,
10.9800


 34.9830, 69.7320,
24.8040


 210.6770, 43.5100,
4.4220

 26.0130, 51.8520,
18.4440

 230.8920, 26.5470,
-2.0370

 18.0540, 35.4390,
13.0310

 251.1070, 9.5840,
-8.4960

 8.1870, 15.7710,
6.0350

 0.0000, 0.0000,

0.0000

■ 120.8280, 77.2980,
19.8420

■ 120.8280, 77.2980,
19.8420

■ 107.8680, 88.9890,
22.7250

■ 133.7880, 65.6070,
16.9590

■ 95.0220, 100.3590,
25.9190

■ 146.6340, 54.2370,
13.7650

■ 82.0620, 112.0500,
28.8020

■ 159.5940, 42.5460,
10.8820

■ 77.7420, 115.9470,
29.7630

■ 172.5540, 30.8550,
7.9990

■ 185.5140, 19.1640,
5.1160

■ 198.3600, 7.7940,
1.9220

■ 211.3200, -3.8970,
-0.9610

■ 224.2800,
-15.5880, -3.8440

■ 237.1260,
-26.9580, -7.0380

Harmonies

Analogous

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



121.0500, 68.7660, 42.3180



120.8280, 77.2980, 19.8420



120.4080, 68.5920, -9.6160

Triad

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



120.8280, 77.2980, 19.8420



94.5770, -66.5180, -50.0220



100.0850, -106.8290, 3.2430

Complementary

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



120.8280, 77.2980, 19.8420



155.1720, -77.2980, -19.8420

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.



107.2770, -107.7900, -6.8780



120.8280, 77.2980, 19.8420



102.1520, -83.7140, -35.7300

Square

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



120.8280, 77.2980, 19.8420



112.1230, 2.3460, -42.5340



107.1510, -99.1680, -19.9680



128.0390, -11.7900, 37.4740

Rectangle

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



120.8280, 77.2980, 19.8420



117.8280, 57.8210, -29.1790



107.1510, -99.1680, -19.9680



103.6070, -108.4790, 0.1050

Sweetspot

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



120.8280, 77.2980, 19.8420



223.3580, 28.4710, 7.1510



124.1700, 43.0860, 67.1980



108.6170, 17.3760, 4.4800



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.



120.8280, 77.2980, 19.8420



127.2580, 114.4340, 29.6500



160.1570, 58.8730, -15.1990



97.8760, 6.2810, 1.8090



63.1460, 94.0780, 24.1100



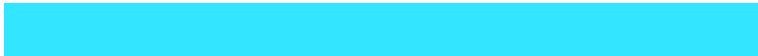
15.1940, 23.0610, 6.0770

Inverse Universe

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



155.1720, -77.2980, -19.8420



178.7420, -114.4340, -29.6500



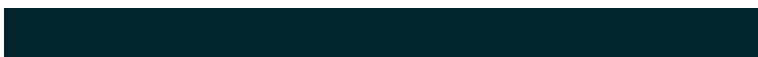
115.8430, -58.8730, 15.1990



100.5370, -6.0060, -1.2860



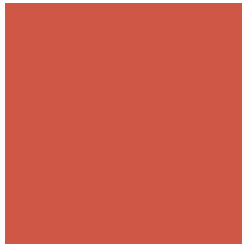
104.8540, -94.0780, -24.1100



25.8060, -23.0610, -6.0770

Previews

White Background



This preview shows how the YIQ color 120.8280, 77.2980, 19.8420 looks on a white background.

Color Contrast Check

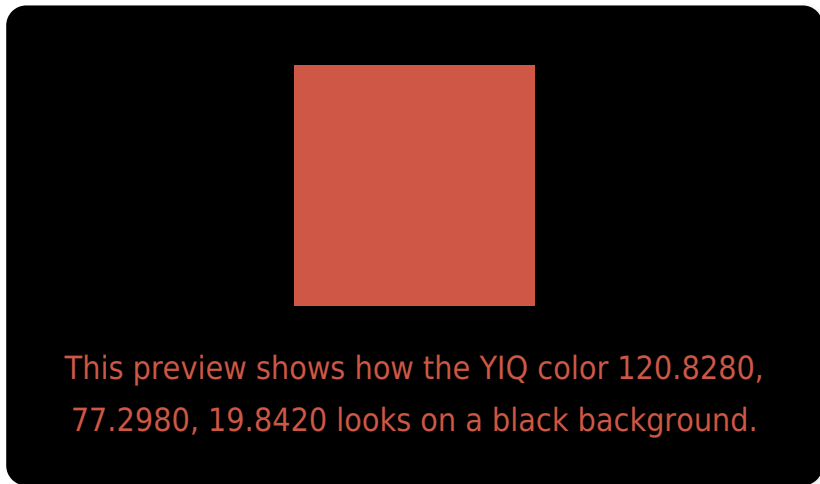
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 120.8280, 77.2980, 19.8420

Background



This preview shows how black text looks on a background with the YIQ color 120.8280, 77.2980, 19.8420.



This preview shows how white text looks on a background with the YIQ color 120.8280, 77.2980,

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

120.8280, 77.2980, 19.8420

Protanopia

124.0880, 19.7630, -11.2530

Deuteranopia

123.9670, 39.1570, -10.3070



Tritanopia

121.7600, 71.9780, 28.1540

Trichromacy



Original Color

120.8280, 77.2980, 19.8420

Protanomaly

123.0740, 40.7140, 0.0260

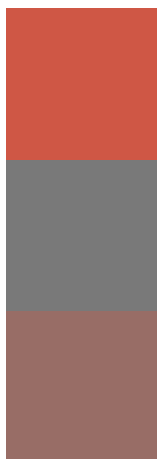
Deuteranomaly

122.8320, 53.1390, 0.6190

Tritanomaly

121.4350, 74.2710, 25.1430

Monochromacy



Original Color

120.8280, 77.2980, 19.8420

Achromatopsia

121.0000, -0.0000, 0.0000

Achromatomaly

121.0590, 27.8750, 6.9390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 120.8280, 77.2980, 19.8420 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(207, 87, 69)` looks like.

```
.text, #text, p{  
    color:rgb(207, 87, 69)  
}
```

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(207, 87, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 87, 69) }
```

Border

The CSS property to change the border of an element to YIQ 120.8280, 77.2980, 19.8420 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(207, 87, 69) }
```


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

```
.border{ border-color:rgb(207, 87, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 87, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 87, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 87, 69);  
box-shadow:4px 4px 4px 4px rgb(207, 87,  
69) }
```

Background

The CSS property to change the background color of an element to YIQ 120.8280, 77.2980, 19.8420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 87, 69) }
```

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

```
.background{ background-color: rgb(207, 87,  
69) }
```

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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