

Converting Colors

YIQ(120.1950, 83.2140, 11.7420)

Have a look what the booklet for
YIQ(120.1950, 83.2140, 11.7420)
contains.

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Color

**YIQ(120.1950, 83.2140,
11.7420)**

Conversions

Conversions Part 1

Format	Color
Hex	CF5A30
RGB	207, 90, 48
RGB Percent	81%, 35%, 19%
CMY	0.1880, 0.6472, 0.8114
CMYK	0.00, 0.57, 0.77, 0.19
HSL	16°, 62%, 50%
HSV	16°, 77%, 81%
XYZ	29.9375, 20.7928, 5.2419
YIQ	120.1950, 83.2140, 11.7420

Conversions

Conversions Part 2

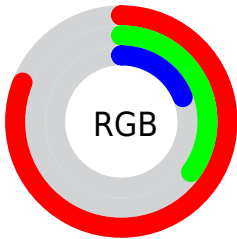
Format	Color
R_{YB}	207, 105, 48
Decimal	13589040
CIE _{Lab}	52.72, 43.98, 45.73
CIE _{LCh}	53, 63.447, 46.117
Yxy	20.7928, 0.5349, 0.3715
Android (android.graphics.Color)	4291779120 (0xFFCF5A30)
YUV	120.1950, -35.5921, 76.1280
Hunter-Lab	45.5992, 37.3932, 25.1037

Details

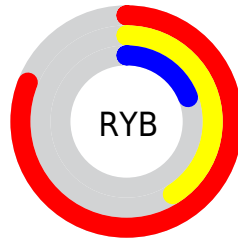
The YIQ color **120.1950, 83.2140, 11.7420** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **134.8050, -83.2140, -11.7420**, and the grayscale version is **120.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **171.2440, 81.5180, 9.4380**, and **65.3730, 76.8410, 11.6010** is the 20% darker color. If you saturate the color by 10%, you get **108.9960, 94.0800, 13.0560**, and if you desaturate by 10%, it is **131.3940, 72.3480, 10.4280**.

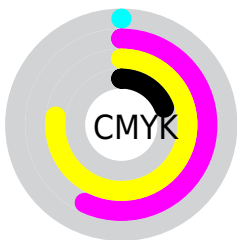
Distribution



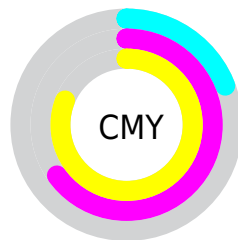
- Red (81%)
- Green (35%)
- Blue (19%)



- Red (81%)
- Yellow (41%)
- Blue (19%)



- Cyan (0%)
- Magenta (57%)
- Yellow (77%)
- Black (19%)





- Cyan (19%)
- Magenta (65%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 120.1950, 83.2140, 11.7420 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 120.1950, 83.2140, 11.7420 by changing the saturation by 10% instead.


 120.1950, 83.2140,
11.7420


 120.1950, 83.2140,
11.7420


255.0000, -0.0000,
-0.0000


 92.9280, 79.5920,
11.3040


 171.2440, 81.5180,
9.4380


 65.3730, 76.8410,
11.6010


 190.5300, 65.7930,
2.5690


 35.8580, 68.5860,
23.5460


 210.0440, 49.4260,
-3.6780

 25.7140, 51.2560,
18.2320

 229.5580, 33.0590,
-9.9250

 17.7550, 34.8430,
12.8190

 249.0720, 16.6920,
-16.1720

 7.5890, 14.5790,
5.6110

 252.3780, 7.3830,

 0.0000, 0.0000,

-7.1530

0.0000

■ 120.1950, 83.2140,
11.7420

■ 120.1950, 83.2140,
11.7420

■ 108.9960, 94.0800,
13.0560

■ 131.3940, 72.3480,
10.4280

■ 97.3240, 104.9000,
15.2040

■ 142.5930, 61.4820,
9.1140

■ 94.1780, 108.2470,
15.1190

■ 154.2650, 50.6620,
6.9660

■ 165.4640, 39.7960,
5.6520

■ 176.6630, 28.9300,
4.3380

■ 187.7480, 18.3850,
2.7130

■ 199.5340, 7.2440,
0.8760

■ 210.7330, -3.6220,
-0.4380

■ 221.8180,
-14.1670, -2.0630

Harmonies

Analogous

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



118.1670, 81.5580, 41.7660



120.1950, 83.2140, 11.7420



118.3460, 71.1620, -23.1580

Triad

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



120.1950, 83.2140, 11.7420



98.6350, -72.4330, -47.4490



116.7850, -70.1530, 21.3910

Complementary

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



120.1950, 83.2140, 11.7420



134.8050, -83.2140, -11.7420

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.



108.0410, -112.6970, -0.5450



120.1950, 83.2140, 11.7420



106.3070, -91.2800, -30.7680

Square

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



120.1950, 83.2140, 11.7420



105.5870, -19.7520, -49.5440



110.1320, -106.1840, -13.9600



129.3020, 6.8230, 47.0710

Rectangle

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



120.1950, 83.2140, 11.7420



116.7080, 49.1110, -36.5290



110.1320, -106.1840, -13.9600



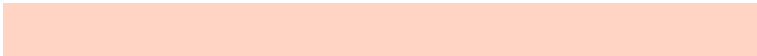
102.5130, -110.9100, 5.6180

Sweetspot

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



120.1950, 83.2140, 11.7420



223.0330, 30.7640, 4.1400



109.1070, 56.5650, 70.7170



108.0470, 18.9810, 2.9250



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.



120.1950, 83.2140, 11.7420



126.6590, 123.0100, 17.3940



165.3940, 62.0390, -28.5290



99.0500, 5.7310, 0.7630



76.0600, 88.0280, 12.6040



18.7160, 21.4110, 2.9390

Inverse Universe

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



134.8050, -83.2140, -11.7420



148.3410, -123.0100, -17.3940



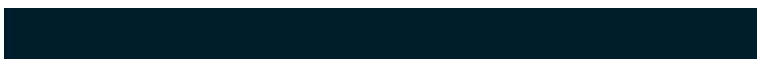
89.6060, -62.0390, 28.5290



99.9500, -5.7310, -0.7630



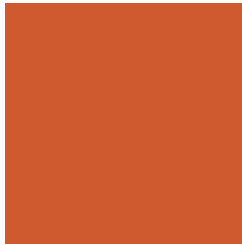
91.9400, -88.0280, -12.6040



22.2840, -21.4110, -2.9390

Previews

White Background



This preview shows how the YIQ color 120.1950, 83.2140, 11.7420 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 120.1950, 83.2140, 11.7420 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 120.1950, 83.2140, 11.7420

Background



This preview shows how black text looks on a background with the YIQ color 120.1950, 83.2140, 11.7420.



This preview shows how white text looks on a background with the YIQ color 120.1950, 83.2140,

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

120.1950, 83.2140, 11.7420

Protanopia

123.1350, 29.5760, -18.3920

Deuteranopia

122.2420, 48.3280, -16.8240



Tritanopia

122.7600, 71.9780, 28.1540

Trichromacy



Original Color

120.1950, 83.2140, 11.7420

Protanomaly

122.2240, 48.7390, -7.7490

Deuteranomaly

121.5090, 61.1180, -6.3220

Tritanomaly

121.8110, 75.9680, 21.9200

Monochromacy



Original Color

120.1950, 83.2140, 11.7420

Achromatopsia

120.0000, -0.0000, -0.0000

Achromatomaly

120.1470, 30.4430, 4.4510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 120.1950, 83.2140, 11.7420 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, 90, 48)` looks like.

```
.text, #text, p{  
    color:rgb(207, 90, 48)  
}
```

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, 90, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 90, 48) }
```

Border

The CSS property to change the border of an element to YIQ 120.1950, 83.2140, 11.7420 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, 90, 48) }
```


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

```
.border{ border-color:rgb(207, 90, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 90, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 90, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 90, 48);  
box-shadow:4px 4px 4px 4px rgb(207, 90,  
48) }
```

Background

The CSS property to change the background color of an element to YIQ 120.1950, 83.2140, 11.7420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 90, 48) }
```

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

```
.background{ background-color: rgb(207, 90,  
48) }
```

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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