

Converting Colors

YIQ(127.1440, 79.2240, 17.9760)

Have a look what the booklet for
YIQ(127.1440, 79.2240, 17.9760)
contains.

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Color

**YIQ(127.1440, 79.2240,
17.9760)**

Conversions

Conversions Part 1

Format	Color
Hex	D65E46
RGB	214, 94, 70
RGB Percent	84%, 37%, 27%
CMY	0.1605, 0.6315, 0.7252
CMYK	0.00, 0.56, 0.67, 0.16
HSL	10°, 64%, 56%
HSV	10°, 67%, 84%
XYZ	32.8581, 22.7462, 8.4671
YIQ	127.1440, 79.2240, 17.9760

Conversions

Conversions Part 2

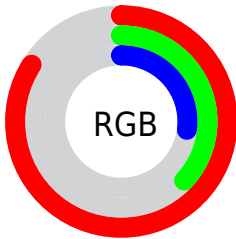
Format	Color
R_{YB}	214, 99, 70
Decimal	14048838
CIE _{Lab}	54.81, 45.70, 36.72
CIE _{LCh}	55, 58.626, 38.781
Yxy	22.7462, 0.5128, 0.3550
Android (android.graphics.Color)	4292238918 (0xFFD65E46)
YUV	127.1440, -28.1720, 76.1727
Hunter-Lab	47.6930, 39.5148, 22.8592

Details

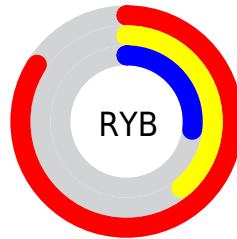
The YIQ color **127.1440, 79.2240, 17.9760** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **156.8560, -79.2240, -17.9760**, and the grayscale version is **127.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **176.6870, 73.0810, 13.6650**, and **72.6640, 71.8880, 18.7680** is the 20% darker color. If you saturate the color by 10%, you get **114.1840, 90.9150, 20.8590**, and if you desaturate by 10%, it is **140.1040, 67.5330, 15.0930**.

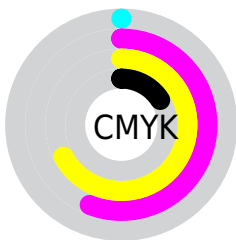
Distribution



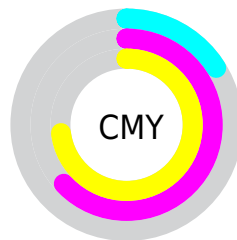
- Red (84%)
- Green (37%)
- Blue (27%)



- Red (84%)
- Yellow (39%)
- Blue (27%)



- Cyan (0%)
- Magenta (56%)
- Yellow (67%)
- Black (16%)



- Cyan (16%)
- Magenta (63%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 127.1440, 79.2240, 17.9760 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 127.1440, 79.2240, 17.9760 by changing the saturation by 10% instead.

127.1440, 79.2240,
17.9760

127.1440, 79.2240,
17.9760

255.0000, -0.0000,
-0.0000

99.9910, 75.2810,
17.8490

176.6870, 73.0810,
13.6650

72.6640, 71.8880,
18.7680

195.5000, 57.3100,
7.6300

40.4130, 71.3370,
23.2490

215.0140, 40.9430,
1.3830

28.1060, 56.0240,
19.9280

235.1150, 24.3010,
-5.3870

19.4350, 38.7400,
13.7800

251.8080, 8.9880,
-8.7080

11.1770, 21.7310,
8.1550

0.0000, 0.0000,

0.0000

■ 127.1440, 79.2240,
17.9760

■ 127.1440, 79.2240,
17.9760

■ 114.1840, 90.9150,
20.8590

■ 140.1040, 67.5330,
15.0930

■ 101.1100,
102.9270, 23.4310

■ 153.1780, 55.5210,
12.5210

■ 88.1500, 114.6180,
26.3140

■ 166.1380, 43.8300,
9.6380

■ 84.5310, 117.9190,
27.0630

■ 178.6250, 32.0930,
7.5890

■ 191.5850, 20.4020,
4.7060

■ 204.6590, 8.3900,
2.1340

■ 217.6190, -3.3010,
-0.7490

■ 230.5790,
-14.9920, -3.6320

■ 242.7410,
-24.4360, -8.6920

Harmonies

Analogous

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



127.3770, 72.1590, 41.3990



127.1440, 79.2240, 17.9760



126.1260, 69.3260, -11.9060

Triad

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



127.1440, 79.2240, 17.9760



100.2990, -71.6070, -51.4070



114.9950, -88.7200, 10.9600

Complementary

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



127.1440, 79.2240, 17.9760



156.8560, -79.2240, -17.9760

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.



111.4660, -112.6960, -6.0720



127.1440, 79.2240, 17.9760



107.5150, -89.1700, -35.9700

Square

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



127.1440, 79.2240, 17.9760



117.1440, -2.1470, -43.7070



111.9270, -104.3490, -19.6850



134.6590, -7.6640, 39.7920

Rectangle

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



127.1440, 79.2240, 17.9760



123.2900, 56.4000, -30.9600



111.9270, -104.3490, -19.6850



107.5680, -112.7430, 0.2890

Sweetspot

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



127.1440, 79.2240, 17.9760



223.9450, 28.1960, 6.6280



126.9640, 46.6620, 68.4700



109.2040, 17.1010, 3.9570



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.



127.1440, 79.2240, 17.9760



130.4380, 113.7470, 25.5790



168.2340, 59.9740, -18.6340



100.4630, 6.0060, 1.2860



67.5650, 94.2160, 21.6080



16.9660, 23.7030, 5.4550

Inverse Universe

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



156.8560, -79.2240, -17.9760



173.1490, -114.0220, -26.1020



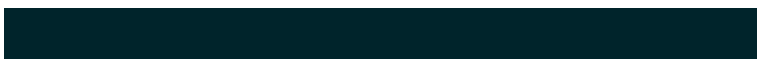
115.7660, -59.9740, 18.6340



102.5370, -6.0060, -1.2860



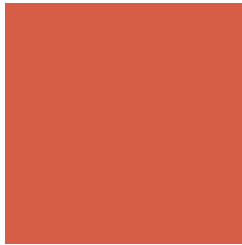
103.4350, -94.2160, -21.6080



26.0340, -23.7030, -5.4550

Previews

White Background



This preview shows how the YIQ color 127.1440, 79.2240, 17.9760 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 127.1440, 79.2240, 17.9760 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 127.1440, 79.2240, 17.9760

Background



This preview shows how black text looks on a background with the YIQ color 127.1440, 79.2240, 17.9760.



This preview shows how white text looks on a background with the YIQ color 127.1440, 79.2240,

17.9760.

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

127.1440, 79.2240, 17.9760

Protanopia

129.8170, 21.9640, -12.5960

Deuteranopia

129.1090, 41.6330, -11.1270



Tritanopia

128.0590, 72.5740, 28.3660

Trichromacy



Original Color

127.1440, 79.2240, 17.9760

Protanomaly

128.8030, 42.9150, -1.3170

Deuteranomaly

128.5610, 55.3400, -0.7240

Tritanomaly

127.6200, 75.1880, 25.0440

Monochromacy



Original Color

127.1440, 79.2240, 17.9760

Achromatopsia

127.0000, -0.0000, -0.0000

Achromatomaly

127.1300, 29.1130, 6.5290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.1440, 79.2240, 17.9760 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(214, 94, 70)` looks like.

```
.text, #text, p{  
    color:rgb(214, 94, 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(214, 94, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 94, 70) }
```

Border

The CSS property to change the border of an element to YIQ 127.1440, 79.2240, 17.9760 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(214, 94, 70) }
```


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

```
.border{ border-color:rgb(214, 94, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 94, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 94, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 94, 70);  
box-shadow:4px 4px 4px 4px rgb(214, 94,  
70) }
```

Background

The CSS property to change the background color of an element to YIQ 127.1440, 79.2240, 17.9760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 94, 70) }
```

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

```
.background{ background-color: rgb(214, 94,  
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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