

Converting Colors

YIQ(129.2090, 80.5990, 20.5910)

Have a look what the booklet for
YIQ(129.2090, 80.5990, 20.5910)
contains.

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Color

**YIQ(129.2090, 80.5990,
20.5910)**

Conversions

Conversions Part 1

Format	Color
Hex	DB5E4B
RGB	219, 94, 75
RGB Percent	86%, 37%, 29%
CMY	0.1409, 0.6315, 0.7055
CMYK	0.00, 0.57, 0.66, 0.14
HSL	8°, 67%, 58%
HSV	8°, 66%, 86%
XYZ	34.5063, 23.5766, 9.4040
YIQ	129.2090, 80.5990, 20.5910

Conversions

Conversions Part 2

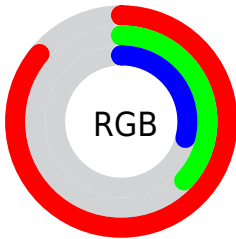
Format	Color
R_{YB}	219, 97, 75
Decimal	14376523
CIE _{Lab}	55.66, 47.80, 35.15
CIE _{LCh}	56, 59.335, 36.325
Yxy	23.5766, 0.5113, 0.3494
Android (android.graphics.Color)	4292566603 (0xFFDB5E4B)
YUV	129.2090, -26.7250, 78.7467
Hunter-Lab	48.5557, 41.8791, 22.5061

Details

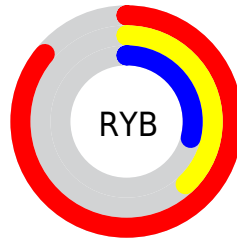
The YIQ color **129.2090, 80.5990, 20.5910** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **164.7910, -80.5990, -20.5910**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.2570, 71.4760, 15.2200**, and **74.1420, 73.5380, 21.9060** is the 20% darker color. If you saturate the color by 10%, you get **115.5480, 92.8860, 23.6860**, and if you desaturate by 10%, it is **142.8700, 68.3120, 17.4960**.

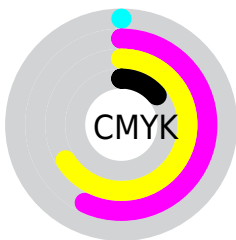
Distribution



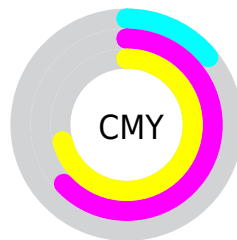
- Red (86%)
- Green (37%)
- Blue (29%)



- Red (86%)
- Yellow (38%)
- Blue (29%)



- Cyan (0%)
- Magenta (57%)
- Yellow (66%)
- Black (14%)





- Cyan (14%)
- Magenta (63%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 129.2090, 80.5990, 20.5910 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 129.2090, 80.5990, 20.5910 by changing the saturation by 10% instead.


 129.2090, 80.5990,
20.5910


 129.2090, 80.5990,
20.5910


255.0000, -0.0000,
-0.0000


 101.4690, 76.9310,
20.9870


 177.2570, 71.4760,
15.2200


 74.1420, 73.5380,
21.9060


 196.6570, 55.4300,
8.6620


 40.2440, 73.4910,
28.2670


 216.1710, 39.0630,
2.4150

 29.3020, 58.4080,
20.7760

 236.3860, 22.1000,
-4.0440

 20.6310, 41.1240,
14.6280

 252.4920, 7.0620,
-6.8420

 12.6720, 24.7110,
9.2150

 0.0000, 0.0000,

0.0000

■ 129.2090, 80.5990,
20.5910

■ 129.2090, 80.5990,
20.5910

■ 115.5480, 92.8860,
23.6860

■ 142.8700, 68.3120,
17.4960

■ 101.8870,
105.1730, 26.7810

■ 156.5310, 56.0250,
14.4010

■ 88.2260, 117.4600,
29.8760

■ 170.1920, 43.7380,
11.3060

■ 82.5040, 122.5490,
31.2610

■ 183.8530, 31.4510,
8.2110

■ 197.5140, 19.1640,
5.1160

■ 211.1750, 6.8770,
2.0210

■ 224.7220, -5.0890,
-1.3850

■ 238.3830,
-17.3760, -4.4800

■ 244.2360,
-21.4560, -7.6320

Harmonies

Analogous

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



129.6590, 71.4250, 43.6890



129.2090, 80.5990, 20.5910



128.3760, 71.6180, -9.3900

Triad

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



129.2090, 80.5990, 20.5910



101.2450, -71.5150, -53.0750



106.7360, -113.1560, 2.2680

Complementary

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



129.2090, 80.5990, 20.5910



164.7910, -80.5990, -20.5910

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.



113.9280, -114.1170, -7.8530



129.2090, 80.5990, 20.5910



109.0480, -89.3530, -38.1610

Square

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



129.2090, 80.5990, 20.5910



119.4820, 2.7130, -43.6790



113.5740, -104.8530, -21.5650



136.7940, -12.4780, 38.9300

Rectangle

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



129.2090, 80.5990, 20.5910



125.8990, 59.0590, -29.5890



113.5740, -104.8530, -21.5650



109.6710, -114.5310, -0.3470

Sweetspot

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



129.2090, 80.5990, 20.5910



223.3580, 28.4710, 7.1510



132.5340, 45.0570, 70.0250



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.



129.2090, 80.5990, 20.5910



129.3610, 112.6460, 29.0140



170.2990, 61.3490, -16.0190



102.8760, 6.2810, 1.8090



65.2280, 96.7830, 24.6470



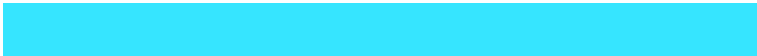
17.2760, 25.7660, 6.6140

Inverse Universe

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



164.7910, -80.5990, -20.5910



179.6390, -112.6460, -29.0140



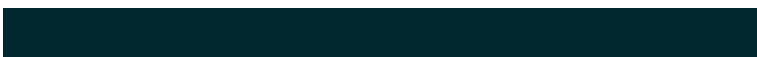
123.7010, -61.3490, 16.0190



105.5370, -6.0060, -1.2860



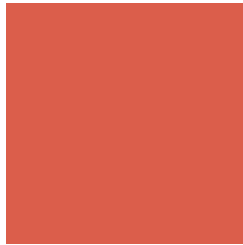
108.3590, -97.0580, -25.1700



28.7240, -25.7660, -6.6140

Previews

White Background



This preview shows how the YIQ color 129.2090, 80.5990, 20.5910 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 129.2090, 80.5990, 20.5910 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 129.2090, 80.5990, 20.5910

Background



This preview shows how black text looks on a background with the YIQ color 129.2090, 80.5990, 20.5910.



This preview shows how white text looks on a background with the YIQ color 129.2090, 80.5990,

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

129.2090, 80.5990, 20.5910

Protanopia

132.2730, 20.6800, -11.3520

Deuteranopia

132.0380, 40.3950, -10.7170



Tritanopia

130.2550, 74.9580, 29.2140

Trichromacy



Original Color

129.2090, 80.5990, 20.5910

Protanomaly

130.9710, 42.5020, 0.6620

Deuteranomaly

131.2020, 54.9730, 0.4210

Tritanomaly

129.9300, 77.2510, 26.2030

Monochromacy



Original Color

129.2090, 80.5990, 20.5910

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

128.9560, 29.6630, 7.5750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.2090, 80.5990, 20.5910 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(219, 94, 75)` looks like.

```
.text, #text, p{  
    color:rgb(219, 94, 75)  
}
```

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(219, 94, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 94, 75) }
```

Border

The CSS property to change the border of an element to YIQ 129.2090, 80.5990, 20.5910 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(219, 94, 75) }
```


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

```
.border{ border-color:rgb(219, 94, 75) }
```

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

Here you see how a box with a 4 pixel rgb(219, 94, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 94, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 94, 75);  
box-shadow:4px 4px 4px 4px rgb(219, 94,  
75) }
```

Background

The CSS property to change the background color of an element to YIQ 129.2090, 80.5990, 20.5910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 94, 75) }
```

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

```
.background{ background-color: rgb(219, 94,  
75) }
```

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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