

Converting Colors

YIQ(121.1910, 81.0100, 29.6660)

Have a look what the booklet for
YIQ(121.1910, 81.0100, 29.6660)
contains.

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Color

**YIQ(121.1910, 81.0100,
29.6660)**

Conversions

Conversions Part 1

Format	Color
Hex	D95052
RGB	217, 80, 82
RGB Percent	85%, 31%, 32%
CMY	0.1487, 0.6865, 0.6781
CMYK	0.00, 0.63, 0.62, 0.15
HSL	359°, 64%, 58%
HSV	359°, 63%, 85%
XYZ	33.0306, 21.1038, 10.3315
YIQ	121.1910, 81.0100, 29.6660

Conversions

Conversions Part 2

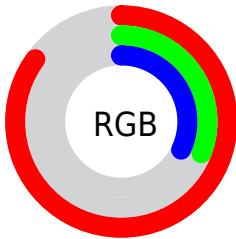
Format	Color
R_{YB}	217, 80, 82
Decimal	14241874
CIE _{Lab}	53.06, 53.85, 27.85
CIE _{LCh}	53, 60.622, 27.351
Yxy	21.1038, 0.5124, 0.3274
Android (android.graphics.Color)	4292431954 (0xFFD95052)
YUV	121.1910, -19.3212, 84.0245
Hunter-Lab	45.9389, 47.9505, 18.8232

Details

The YIQ color **121.1910, 81.0100, 29.6660** 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 **175.8090, -81.0100, -29.6660**, and the grayscale version is **121.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **170.4240, 72.8040, 24.1960**, and **60.8410, 76.4240, 35.6880** is the 20% darker color. If you saturate the color by 10%, you get **105.8830, 93.8010, 34.6410**, and if you desaturate by 10%, it is **136.4990, 68.2190, 24.6910**.

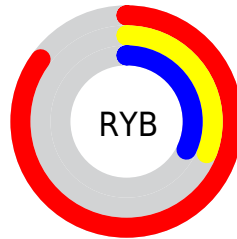
Distribution



Red (85%)

Green (31%)

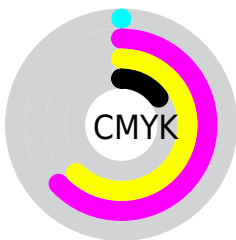
Blue (32%)



Red (85%)

Yellow (31%)

Blue (32%)

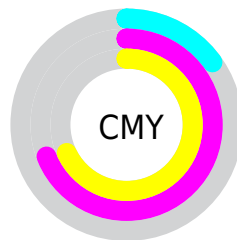


Cyan (0%)

Magenta (63%)

Yellow (62%)

Black (15%)



Cyan (15%)


Magenta (69%)


Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 121.1910, 81.0100, 29.6660 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 121.1910, 81.0100, 29.6660 by changing the saturation by 10% instead.


 121.1910, 81.0100,
29.6660


 121.1910, 81.0100,
29.6660


255.0000, -0.0000,
-0.0000


 92.8640, 77.6170,
30.5850


 170.5380, 72.4830,
24.5070


 60.2540, 76.6990,
36.2110


 189.9380, 56.4370,
17.9490

 39.6120, 69.6390,
31.9990


 209.4520, 40.0700,
11.7020

 28.7040, 57.2160,
20.3520

 229.5530, 23.4280,
4.9320

 20.1470, 39.6110,
14.5150

 250.4690, 5.8690,
-1.7390

 11.4760, 22.3270,
8.3670

 0.0000, 0.0000,

0.0000

■ 121.1910, 81.0100,
29.6660

■ 121.1910, 81.0100,
29.6660

■ 105.8830, 93.8010,
34.6410

■ 136.4990, 68.2190,
24.6910

■ 91.0480, 106.6380,
38.7820

■ 151.3340, 55.3820,
20.5500

■ 75.7400, 119.4290,
43.7570

■ 166.6420, 42.5910,
15.5750

■ 65.2250, 128.3690,
46.9370

■ 182.0640, 29.4790,
10.9110

■ 196.7850, 16.9630,
6.4590

■ 212.0930, 4.1720,
1.4840

■ 227.5150, -8.9400,
-3.1800

■ 242.8230,
-21.7310, -8.1550

■ 243.6380,
-22.6480, -8.0560

Harmonies

Analogous

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



122.7110, 65.6470, 49.2870



121.1910, 81.0100, 29.6660



122.2830, 76.6140, -0.8100

Triad

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



121.1910, 81.0100, 29.6660



94.8350, -58.6770, -54.4610



104.9920, -111.0010, 1.7590

Complementary

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



121.1910, 81.0100, 29.6660



175.8090, -81.0100, -29.6660

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.



110.0980, -108.8440, -9.8040



121.1910, 81.0100, 29.6660



101.7300, -79.7700, -41.1300

Square

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



121.1910, 81.0100, 29.6660



114.2250, 19.4940, -44.9380



107.7720, -96.7830, -24.6470



127.2690, -33.1090, 32.8670

Rectangle

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



121.1910, 81.0100, 29.6660



119.1500, 68.7780, -24.0060



107.7720, -96.7830, -24.6470



107.6990, -111.7340, -1.4780

Sweetspot

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



121.1910, 81.0100, 29.6660



221.3520, 28.6080, 10.1760



135.9830, 36.4830, 71.2270



107.0840, 17.5590, 6.6710



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.



121.1910, 81.0100, 29.6660



119.3480, 114.6610, 42.0610



159.7050, 63.5020, -5.4740



102.2890, 6.5560, 2.3320



52.0690, 102.1450, 37.6090



13.8680, 27.0950, 10.0630

Inverse Universe

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



121.1910, 81.0100, 29.6660



119.3480, 114.6610, 42.0610



137.2950, -63.5020, 5.4740



102.2890, 6.5560, 2.3320



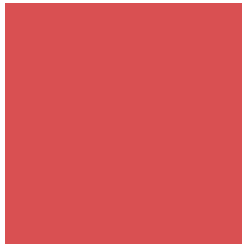
52.0690, 102.1450, 37.6090



13.8680, 27.0950, 10.0630

Previews

White Background



This preview shows how the YIQ color 121.1910, 81.0100, 29.6660 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 121.1910, 81.0100, 29.6660 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 121.1910, 81.0100, 29.6660

Background



This preview shows how black text looks on a background with the YIQ color 121.1910, 81.0100, 29.6660.



This preview shows how white text looks on a background with the YIQ color 121.1910, 81.0100,

29.6660.

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

121.1910, 81.0100, 29.6660

Protanopia

126.5420, 12.7930, -6.0790

Deuteranopia

125.9220, 35.0300, -7.0980



Tritanopia

121.4190, 80.3680, 30.2880

Trichromacy



Original Color

121.1910, 81.0100, 29.6660

Protanomaly

124.7350, 37.5950, 6.9950

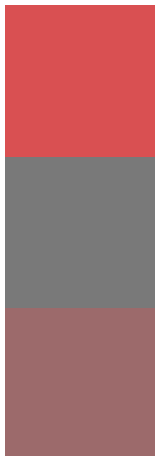
Deuteranomaly

124.3360, 51.9000, 6.5560

Tritanomaly

121.3050, 80.6890, 29.9770

Monochromacy



Original Color

121.1910, 81.0100, 29.6660

Achromatopsia

121.0000, -0.0000, 0.0000

Achromatomaly

121.0640, 29.4790, 10.9110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 121.1910, 81.0100, 29.6660 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(217, 80, 82)` looks like.

```
.text, #text, p{  
    color:rgb(217, 80, 82)  
}
```

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(217, 80, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 80, 82) }
```

Border

The CSS property to change the border of an element to YIQ 121.1910, 81.0100, 29.6660 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(217, 80, 82) }
```


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

```
.border{ border-color:rgb(217, 80, 82) }
```

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

Here you see how a box with a 4 pixel rgb(217, 80, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 80, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 80, 82);  
box-shadow:4px 4px 4px 4px rgb(217, 80,  
82) }
```

Background

The CSS property to change the background color of an element to YIQ 121.1910, 81.0100, 29.6660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 80, 82) }
```

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

```
.background{ background-color: rgb(217, 80,  
82) }
```

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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