

Converting Colors

YIQ(82.4710, 118.1480, 28.4200)

Have a look what the booklet for
YIQ(82.4710, 118.1480, 28.4200)
contains.

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Color

**YIQ(82.4710, 118.1480,
28.4200)**

Conversions

Conversions Part 1

Format	Color
Hex	D52000
RGB	213, 32, 0
RGB Percent	84%, 13%, 0%
CMY	0.1643, 0.8747, 0.9995
CMYK	0.00, 0.85, 1.00, 0.16
HSL	9°, 100%, 42%
HSV	9°, 100%, 84%
XYZ	27.9861, 15.1910, 1.4607
YIQ	82.4710, 118.1480, 28.4200

Conversions

Conversions Part 2

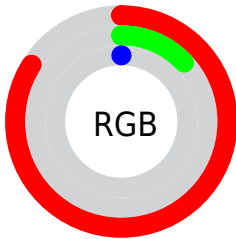
Format	Color
RYB	213, 38, 0
Decimal	13967360
CIELab	45.89, 65.85, 59.19
CIElCh	46, 88.544, 41.952
Yxy	15.1910, 0.6270, 0.3403
Android (android.graphics.Color)	4292157440 (0xFFD52000)
YUV	82.4710, -40.6582, 114.4739
Hunter-Lab	38.9756, 59.9630, 25.0609

Details

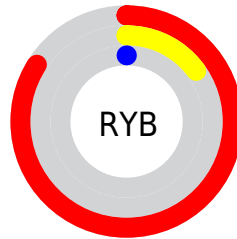
The YIQ color **82.4710, 118.1480, 28.4200** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **130.5290, -118.1480, -28.4200**, and the grayscale version is **83.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **140.0410, 107.3750, 19.9110**, and **44.2520, 88.2080, 31.3760** is the 20% darker color. If you saturate the color by 10%, you get **82.4710, 118.1480, 28.4200**, and if you desaturate by 10%, it is **95.4310, 106.4570, 25.5370**.

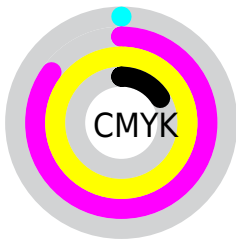
Distribution



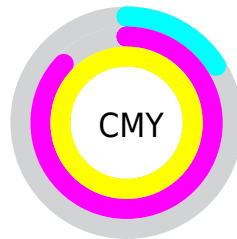
- Red (84%)
- Green (13%)
- Blue (0%)



- Red (84%)
- Yellow (15%)
- Blue (0%)



- Cyan (0%)
- Magenta (85%)
- Yellow (100%)
- Black (16%)





- Cyan (16%)
- Magenta (87%)
- Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 82.4710, 118.1480, 28.4200 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 82.4710, 118.1480, 28.4200 by changing the saturation by 10% instead.


 82.4710, 118.1480,
28.4200


 82.4710, 118.1480,
28.4200


 253.6320, 3.8520,
-3.7320


 54.1190, 107.8760,
38.3720


 140.0410,
107.3750, 19.9110


 44.2520, 88.2080,
31.3760


 159.9140, 91.3750,
12.5190


 34.6840, 69.1360,
24.5920


 179.9010, 75.0540,
5.4380

 25.5290, 50.3390,
18.3310

 199.8880, 58.7330,
-1.6430

 16.9720, 32.7340,
12.4940

 219.9890, 42.0910,
-8.4130


 3.8870, 7.7480,
2.7560


 240.6770, 25.1740,


 0.0000, 0.0000,


-15.7060


0.0000


 250.3260, 13.1610,
-12.7510


 82.4710, 118.1480,
28.4200

 95.4310, 106.4570,
25.5370

 108.5050, 94.4450,
22.9650

 121.4650, 82.7540,
20.0820

 134.4250, 71.0630,
17.1990

 148.0860, 58.7760,
14.1040

■ 161.0460, 47.0850,
11.2210

■ 174.0060, 35.3940,
8.3380

■ 187.0800, 23.3820,
5.7660

■ 200.0400, 11.6910,
2.8830

Harmonies

Analogous

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



78.8300, 111.6290, 74.9970



82.4710, 118.1480, 28.4200



101.8880, 75.9280, -10.4080

Triad

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



82.4710, 118.1480, 28.4200



85.9710, -56.0640, -52.2560



93.6400, -112.1050, 21.7750

Complementary

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



82.4710, 118.1480, 28.4200



130.5290, -118.1480, -28.4200

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.



105.0380, -116.6420, 10.3820



82.4710, 118.1480, 28.4200



96.7380, -82.2480, -29.2560

Square

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



82.4710, 118.1480, 28.4200



75.7230, -35.4750, -67.4670



104.1310, -104.4430, -6.9630



108.1550, -5.2840, 62.7480

Rectangle

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



82.4710, 118.1480, 28.4200



101.9670, 47.1840, -29.1360



104.1310, -104.4430, -6.9630



98.3360, -114.3050, 17.5910

Sweetspot

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



82.4710, 118.1480, 28.4200



208.1810, 42.2710, 10.3590



84.7770, 67.5630, 102.6910



99.2760, 25.7660, 6.6140



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.



82.4710, 118.1480, 28.4200



98.5510, 141.5300, 34.1860



142.9320, 89.8230, -25.4490



100.4630, 6.0060, 1.2860



66.3910, 94.7660, 22.6540



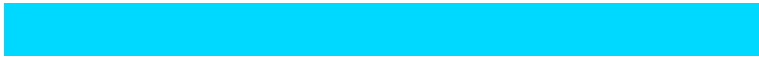
16.3790, 23.9780, 5.9780

Inverse Universe

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



130.5290, -118.1480, -28.4200



156.4490, -141.5300, -34.1860



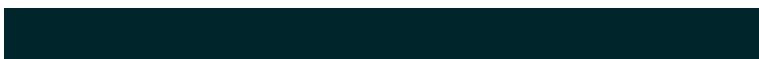
70.0680, -89.8230, 25.4490



103.1240, -6.2810, -1.8090



104.6090, -94.7660, -22.6540



26.6210, -23.9780, -5.9780

Previews

White Background



This preview shows how the YIQ color 82.4710, 118.1480, 28.4200 looks on a white 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

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

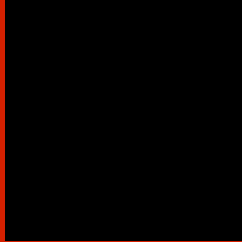
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 82.4710, 118.1480, 28.4200

Background



This preview shows how black text looks on a background with the YIQ color 82.4710, 118.1480, 28.4200.



This preview shows how white text looks on a background with the YIQ color 82.4710, 118.1480,

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

82.4710, 118.1480, 28.4200

Protanopia

104.3110, 34.7120, -23.3680

Deuteranopia

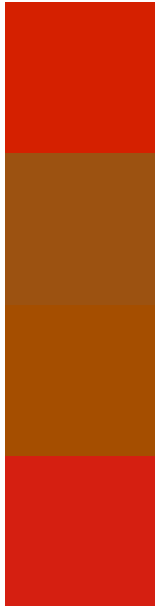
102.3100, 53.6480, -25.1360



Tritanopia

84.3750, 110.0310, 37.8630

Trichromacy



Original Color

82.4710, 118.1480, 28.4200

Protanomaly

96.7160, 64.9690, -4.5270

Deuteranomaly

95.1210, 76.8900, -5.8140

Tritanomaly

83.8220, 112.9660, 34.2300

Monochromacy



Original Color

82.4710, 118.1480, 28.4200

Achromatopsia

82.0000, 0.0000, -0.0000

Achromatomaly

82.3660, 43.1880, 10.2600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 82.4710, 118.1480, 28.4200 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(213, 32, 0)` looks like.

```
.text, #text, p{  
    color:rgb(213, 32, 0)  
}
```

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(213, 32, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 32, 0) }
```

Border

The CSS property to change the border of an element to YIQ 82.4710, 118.1480, 28.4200 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(213, 32, 0) }
```


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

```
.border{ border-color:rgb(213, 32, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 32, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 32, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 32, 0);  
box-shadow:4px 4px 4px 4px rgb(213, 32, 0)  
}
```

Background

The CSS property to change the background color of an element to YIQ 82.4710, 118.1480, 28.4200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 32, 0) }
```

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

```
.background{ background-color: rgb(213, 32,  
0) }
```

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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