

Converting Colors

YIQ(82.5240, 102.6020, 45.8500)

Have a look what the booklet for
YIQ(82.5240, 102.6020, 45.8500)
contains.

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Color

**YIQ(82.5240, 102.6020,
45.8500)**

Conversions

Conversions Part 1

Format	Color
Hex	D1192F
RGB	209, 25, 47
RGB Percent	82%, 10%, 18%
CMY	0.1799, 0.9022, 0.8153
CMYK	0.00, 0.88, 0.77, 0.18
HSL	353°, 79%, 46%
HSV	353°, 88%, 82%
XYZ	27.1882, 14.4701, 4.0599
YIQ	82.5240, 102.6020, 45.8500

Conversions

Conversions Part 2

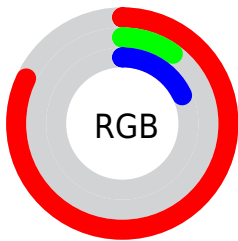
Format	Color
R_{YB}	209, 25, 47
Decimal	13703471
CIE _{Lab}	44.90, 66.95, 38.18
CIE _{LCh}	45, 77.070, 29.698
Yxy	14.4701, 0.5947, 0.3165
Android (android.graphics.Color)	4291893551 (0xFFD1192F)
YUV	82.5240, -17.5133, 110.9195
Hunter-Lab	38.0396, 61.0106, 20.2998

Details

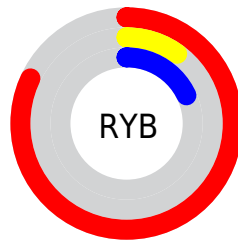
The YIQ color **82.5240, 102.6020, 45.8500** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **151.4760, -102.6020, -45.8500**, and the grayscale version is **83.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **142.0250, 96.2770, 33.8210**, and **43.5830, 85.7780, 31.3620** is the 20% darker color. If you saturate the color by 10%, you get **68.1450, 114.1550, 51.2350**, and if you desaturate by 10%, it is **96.9030, 91.0490, 40.4650**.

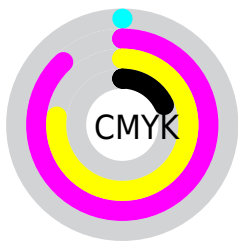
Distribution



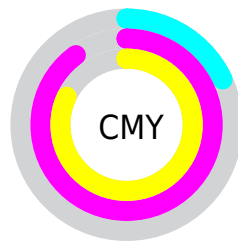
- Red (82%)
- Green (10%)
- Blue (18%)



- Red (82%)
- Yellow (10%)
- Blue (18%)



- Cyan (0%)
- Magenta (88%)
- Yellow (77%)
- Black (18%)





- Cyan (18%)
- Magenta (90%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 82.5240, 102.6020, 45.8500 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 82.5240, 102.6020, 45.8500 by changing the saturation by 10% instead.


 82.5240, 102.6020,
45.8500


 82.5240, 102.6020,
45.8500


255.0000, -0.0000,
-0.0000


 55.8870, 97.1460,
45.6100


 142.1390, 95.9560,
34.1320


 43.8820, 86.3740,
31.5740


 162.4850, 80.0020,
25.9060


 34.0860, 67.9440,
24.1680

 182.4720, 63.6810,
18.8250

 25.0450, 48.8260,
18.2180

 202.5730, 47.0390,
12.0550

 16.3740, 31.5420,
12.0700

 222.6740, 30.3970,
5.2850

 1.4950, 2.9800,
1.0600

 243.4760, 13.1590,

 0.0000, 0.0000,

-1.6970

0.0000

■ 82.5240, 102.6020,
45.8500

■ 82.5240, 102.6020,
45.8500

■ 68.1450, 114.1550,
51.2350

■ 96.9030, 91.0490,
40.4650

■ 65.3410, 116.5390,
52.0830

■ 111.3960, 79.1750,
35.3910

■ 125.7750, 67.6220,
30.0060

■ 140.2680, 55.7480,
24.9320

■ 154.6470, 44.1950,
19.5470

■ 168.4390, 32.9170,
14.6850

■ 182.9320, 21.0430,
9.6110

■ 197.3110, 9.4900,
4.2260

■ 211.8040, -2.3840,
-0.8480

Harmonies

Analogous

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



76.2270, 91.6380, 79.3660



82.5240, 102.6020, 45.8500



97.5460, 86.0590, -1.2770

Triad

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



82.5240, 102.6020, 45.8500



78.8980, -45.7930, -56.6810



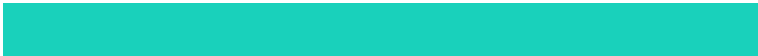
94.5230, -107.7020, 13.5620

Complementary

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



82.5240, 102.6020, 45.8500



151.4760, -102.6020, -45.8500

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.



99.9880, -105.1780, 0.8540



82.5240, 102.6020, 45.8500



89.3400, -69.6840, -36.6920

Square

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



82.5240, 102.6020, 45.8500



89.5760, 5.1440, -49.1920



97.3370, -90.8240, -17.0000



104.2330, -41.4550, 40.9530

Rectangle

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



82.5240, 102.6020, 45.8500



100.6040, 61.8080, -18.8320



97.3370, -90.8240, -17.0000



97.8170, -108.7100, 9.8020

Sweetspot

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



82.5240, 102.6020, 45.8500



209.6460, 36.7680, 16.4800



93.8160, 36.2960, 91.1440



100.5300, 22.2350, 10.0350



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.



82.5240, 102.6020, 45.8500



79.7790, 142.0290, 63.7010



119.3450, 91.2390, 3.9670



97.4030, 6.2350, 2.6430



52.5120, 93.7080, 41.8360



12.8290, 22.8310, 10.2470

Inverse Universe

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



82.5240, 102.6020, 45.8500



79.7790, 142.0290, 63.7010



114.6550, -91.2390, -3.9670



97.4030, 6.2350, 2.6430



52.5120, 93.7080, 41.8360



12.8290, 22.8310, 10.2470

Previews

White Background



This preview shows how the YIQ color 82.5240, 102.6020, 45.8500 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



This preview shows how the YIQ color 82.5240, 102.6020, 45.8500 looks on a 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 82.5240, 102.6020, 45.8500

Background



This preview shows how black text looks on a background with the YIQ color 82.5240, 102.6020, 45.8500.



This preview shows how white text looks on a background with the YIQ color 82.5240, 102.6020,

45.8500.

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

82.5240, 102.6020, 45.8500

Protanopia

105.7720, 17.8370, -9.3870

Deuteranopia

104.1150, 41.4960, -14.1520



Tritanopia

82.4780, 108.2430, 37.2270

Trichromacy



Original Color

82.5240, 102.6020, 45.8500

Protanomaly

97.1170, 48.3230, 10.8110

Deuteranomaly

96.3220, 63.6830, 7.7710

Tritanomaly

82.8030, 105.9500, 40.2380

Monochromacy



Original Color

82.5240, 102.6020, 45.8500

Achromatopsia

83.0000, -0.0000, 0.0000

Achromatomaly

82.9450, 37.3640, 16.6920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 82.5240, 102.6020, 45.8500 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(209, 25, 47)` looks like.

```
.text, #text, p{  
    color:rgb(209, 25, 47)  
}
```

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(209, 25, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 25, 47) }
```

Border

The CSS property to change the border of an element to YIQ 82.5240, 102.6020, 45.8500 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(209, 25, 47) }
```


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

```
.border{ border-color:rgb(209, 25, 47) }
```

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

Here you see how a box with a 4 pixel rgb(209, 25, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 25, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 25, 47);  
box-shadow:4px 4px 4px 4px rgb(209, 25,  
47) }
```

Background

The CSS property to change the background color of an element to YIQ 82.5240, 102.6020, 45.8500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 25, 47) }
```

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

```
.background{ background-color: rgb(209, 25,  
47) }
```

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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