

Converting Colors

YIQ(93.3910, 95.9070, 51.5470)

Have a look what the booklet for
YIQ(93.3910, 95.9070, 51.5470)
contains.

YIQ(93.3910, 95.9070, 51.5470)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(93.3910, 95.9070,
51.5470)**

Conversions

Conversions Part 1

Format	Color
Hex	D9224B
RGB	217, 34, 75
RGB Percent	85%, 13%, 29%
CMY	0.1486, 0.8669, 0.7055
CMYK	0.00, 0.84, 0.65, 0.15
HSL	347°, 73%, 49%
HSV	347°, 84%, 85%
XYZ	30.4931, 16.4186, 8.2345
YIQ	93.3910, 95.9070, 51.5470

Conversions

Conversions Part 2

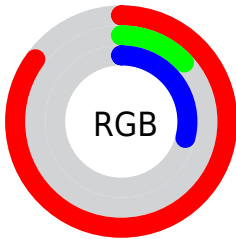
Format	Color
R_{YB}	217, 34, 75
Decimal	14230091
CIE _{Lab}	47.52, 68.50, 24.94
CIE _{LCh}	48, 72.897, 20.005
Yxy	16.4186, 0.5529, 0.2977
Android (android.graphics.Color)	4292420171 (0xFFD9224B)
YUV	93.3910, -9.0668, 108.4051
Hunter-Lab	40.5199, 63.4197, 16.3149

Details

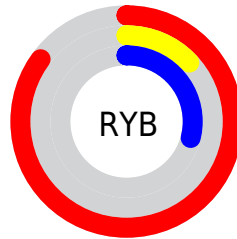
The YIQ color **93.3910, 95.9070, 51.5470** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **157.6090, -95.9070, -51.5470**, and the grayscale version is **93.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **149.5540, 84.7220, 39.4900**, and **49.6940, 81.5120, 42.6000** is the 20% darker color. If you saturate the color by 10%, you get **78.5390, 107.4140, 57.7660**, and if you desaturate by 10%, it is **108.2430, 84.4000, 45.3280**.

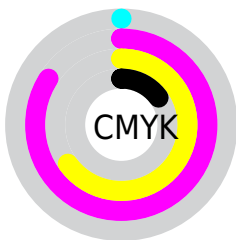
Distribution



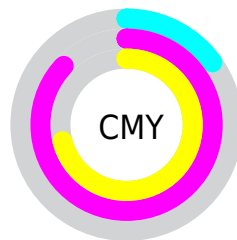
- Red (85%)
- Green (13%)
- Blue (29%)



- Red (85%)
- Yellow (13%)
- Blue (29%)



- Cyan (0%)
- Magenta (84%)
- Yellow (65%)
- Black (15%)





- Cyan (15%)
- Magenta (87%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 93.3910, 95.9070, 51.5470 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 93.3910, 95.9070, 51.5470 by changing the saturation by 10% instead.


 93.3910, 95.9070,
51.5470


 93.3910, 95.9070,
51.5470


255.0000, -0.0000,
-0.0000


 61.6560, 93.8430,
55.9150


 149.6680, 84.4010,
39.8010


 49.6940, 81.5120,
42.6000


 169.5410, 68.4010,
32.4090


 37.9170, 70.0980,
29.1860


 189.6420, 51.7590,
25.6390

 27.6220, 54.5110,
19.8150

 210.3300, 34.8420,
18.3460

 19.1790, 36.5850,
14.2890

 230.5450, 17.8790,
11.8870

 8.4860, 16.3670,
6.2470

 250.8910, 1.9250,

 0.0000, 0.0000,

3.6610

0.0000

■ 93.3910, 95.9070,
51.5470

■ 93.3910, 95.9070,
51.5470

■ 78.5390, 107.4140,
57.7660

■ 108.2430, 84.4000,
45.3280

■ 70.4690, 113.6030,
61.2430

■ 122.5080, 73.1680,
39.6320

■ 137.3600, 61.6610,
33.4130

■ 152.0980, 50.4750,
26.8830

■ 166.9500, 38.9680,
20.6640

■ 181.2150, 27.7360,
14.9680

■ 196.0670, 16.2290,
8.7490

■ 210.9190, 4.7220,
2.5300

■ 225.1840, -6.5100,
-3.1660

Harmonies

Analogous

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



96.7790, 72.1080, 69.8680



93.3910, 95.9070, 51.5470



102.4810, 93.8520, 6.1720

Triad

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



93.3910, 95.9070, 51.5470



80.2370, -42.6740, -63.6500



101.3390, -110.3600, 6.6640

Complementary

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



93.3910, 95.9070, 51.5470



157.6090, -95.9070, -51.5470

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.



103.4300, -103.8470, -6.7510



93.3910, 95.9070, 51.5470



91.1520, -66.5190, -44.4950

Square

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



93.3910, 95.9070, 51.5470



100.9160, 24.8580, -43.0300



99.0350, -87.3380, -25.1140



100.4020, -79.1400, 24.5720

Rectangle

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



93.3910, 95.9070, 51.5470



106.0080, 75.4700, -13.1220



99.0350, -87.3380, -25.1140



103.0030, -109.5340, 2.7060

Sweetspot

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



93.3910, 95.9070, 51.5470



211.8460, 33.3290, 18.2330



96.7220, 24.6970, 86.5930



101.6870, 20.3550, 11.0670



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.



93.3910, 95.9070, 51.5470



82.7430, 133.6830, 71.7870



117.4800, 95.5930, 13.1690



102.5170, 5.9140, 2.9540



56.1730, 90.5890, 48.8050



14.8940, 24.2060, 12.8620

Inverse Universe

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



93.3910, 95.9070, 51.5470



82.7430, 133.6830, 71.7870



133.5200, -95.5930, -13.1690



102.5170, 5.9140, 2.9540



56.1730, 90.5890, 48.8050



14.8940, 24.2060, 12.8620

Previews

White Background



This preview shows how the YIQ color 93.3910, 95.9070, 51.5470 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 93.3910, 95.9070, 51.5470 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 93.3910, 95.9070, 51.5470

Background



This preview shows how black text looks on a background with the YIQ color 93.3910, 95.9070, 51.5470.



This preview shows how white text looks on a background with the YIQ color 93.3910, 95.9070,

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

93.3910, 95.9070, 51.5470

Protanopia

113.3980, 4.6310, -1.3290

Deuteranopia

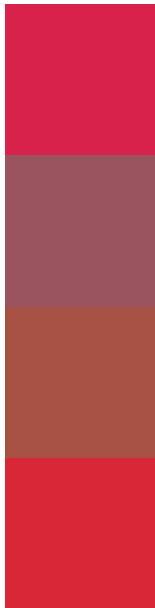
112.1820, 31.3620, -6.7020



Tritanopia

94.0260, 103.7040, 36.8880

Trichromacy



Original Color

93.3910, 95.9070, 51.5470

Protanomaly

105.8850, 37.5930, 18.0490

Deuteranomaly

105.3460, 55.1080, 14.5000

Tritanomaly

93.6330, 100.6770, 42.1890

Monochromacy



Original Color

93.3910, 95.9070, 51.5470

Achromatopsia

93.0000, -0.0000, -0.0000

Achromatomaly

93.3300, 34.8420, 18.3460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 93.3910, 95.9070, 51.5470 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, 34, 75)` looks like.

```
.text, #text, p{  
    color:rgb(217, 34, 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(217, 34, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 34, 75) }
```

Border

The CSS property to change the border of an element to YIQ 93.3910, 95.9070, 51.5470 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, 34, 75) }
```


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

```
.border{ border-color:rgb(217, 34, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 34, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 34, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 34, 75);  
box-shadow:4px 4px 4px 4px rgb(217, 34,  
75) }
```

Background

The CSS property to change the background color of an element to YIQ 93.3910, 95.9070, 51.5470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 34, 75) }
```

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

```
.background{ background-color: rgb(217, 34,  
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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