

Converting Colors

YIQ(92.5830, 121.3090, 42.7250)

Have a look what the booklet for
YIQ(92.5830, 121.3090, 42.7250)
contains.

YIQ(92.5830, 121.3090, 42.7250)	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(92.5830, 121.3090,
42.7250)**

Conversions

Conversions Part 1

Format	Color
Hex	EB201F
RGB	235, 32, 31
RGB Percent	92%, 13%, 12%
CMY	0.0780, 0.8747, 0.8779
CMYK	0.00, 0.86, 0.87, 0.08
HSL	0°, 84%, 52%
HSV	0°, 87%, 92%
XYZ	35.0647, 18.8111, 3.0876
YIQ	92.5830, 121.3090, 42.7250

Conversions

Conversions Part 2

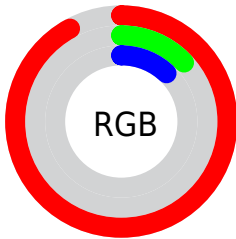
Format	Color
R_{YB}	235, 32, 31
Decimal	15409183
CIE _{Lab}	50.47, 72.11, 53.61
CIE _{LCh}	50, 89.856, 36.626
Yxy	18.8111, 0.6156, 0.3302
Android (android.graphics.Color)	4293599263 (0xFFEB201F)
YUV	92.5830, -30.3604, 124.8997
Hunter-Lab	43.3718, 68.4111, 26.1394

Details

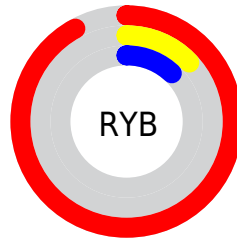
The YIQ color **92.5830, 121.3090, 42.7250** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **173.4170, -121.3090, -42.7250**, and the grayscale version is **93.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **145.1250, 98.5710, 25.2830**, and **50.5310, 100.7240, 35.8280** is the 20% darker color. If you saturate the color by 10%, you get **76.4600, 135.0170, 47.6010**, and if you desaturate by 10%, it is **108.8200, 107.2800, 38.1600**.

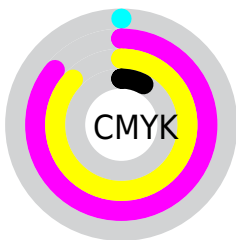
Distribution



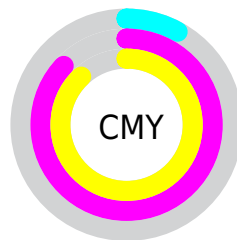
- Red (92%)
- Green (13%)
- Blue (12%)



- Red (92%)
- Yellow (13%)
- Blue (12%)



- Cyan (0%)
- Magenta (86%)
- Yellow (87%)
- Black (8%)





- Cyan (8%)
- Magenta (87%)
- Yellow (88%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 92.5830, 121.3090, 42.7250 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 92.5830, 121.3090, 42.7250 by changing the saturation by 10% instead.


 92.5830, 121.3090,
42.7250


 92.5830, 121.3090,
42.7250


255.0000, -0.0000,
-0.0000


 61.0820, 118.4660,
44.6900


 145.1250, 98.5710,
25.2830


 50.5310, 100.7240,
35.8280


 165.5850, 82.2960,
17.3680


 40.9630, 81.6520,
29.0440


 186.1590, 65.7000,
9.7640

 31.5090, 62.2590,
22.5710

 206.1460, 49.3790,
2.6830

 23.1800, 44.0120,
17.3560

 226.8340, 32.4620,
-4.6100

 12.9710, 25.3070,
9.4270

 247.6360, 15.2240,

 0.0000, 0.0000,

-11.5920

0.0000

■ 253.2900, 4.8150,
-4.6650

■ 92.5830, 121.3090,
42.7250

■ 92.5830, 121.3090,
42.7250

■ 76.4600, 135.0170,
47.6010

■ 108.8200,
107.2800, 38.1600

■ 70.8520, 139.7850,
49.2970

■ 125.5300, 93.2970,
32.7610

■ 141.7670, 79.2680,
28.1960

■ 158.4770, 65.2850,
22.7970

■ 174.7140, 51.2560,
18.2320

■ 190.8370, 37.5480,
13.3560

■ 207.6610, 23.2440,
8.2680

■ 223.7840, 9.5360,
3.3920

■ 240.6080, -4.7680,
-1.6960

Harmonies

Analogous

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



86.3500, 113.4610, 85.8530



92.5830, 121.3090, 42.7250



111.7110, 89.7280, -7.2000

Triad

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



92.5830, 121.3090, 42.7250



92.3310, -57.4380, -60.3980



103.0320, -116.5050, 13.4070

Complementary

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



92.5830, 121.3090, 42.7250



173.4170, -121.3090, -42.7250

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.



113.5980, -121.4550, 3.9930



92.5830, 121.3090, 42.7250



104.1410, -85.1810, -36.6770

Square

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



92.5830, 121.3090, 42.7250



92.6450, -17.6400, -65.8000



112.1040, -108.9810, -12.8290



120.2390, -23.2560, 58.0560

Rectangle

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



92.5830, 121.3090, 42.7250



113.5510, 60.1590, -27.4970



112.1040, -108.9810, -12.8290



107.7280, -118.7050, 9.2230

Sweetspot

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



92.5830, 121.3090, 42.7250



208.7340, 39.3360, 13.9920



115.2520, 56.1000, 106.6920



99.9600, 23.8400, 8.4800



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.



92.5830, 121.3090, 42.7250



76.8320, 151.7050, 53.5370



151.8700, 93.5340, -10.0980



109.2890, 6.5560, 2.3320



54.7060, 107.6010, 37.8490



16.1460, 32.1840, 11.4480

Inverse Universe

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



173.4170, -121.3090, -42.7250



178.1680, -151.7050, -53.5370



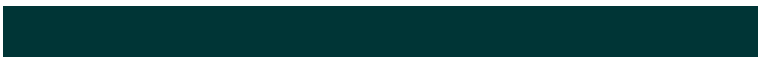
114.1300, -93.5340, 10.0980



113.7110, -6.5560, -2.3320



126.2940, -107.6010, -37.8490



37.2670, -31.9090, -10.9250

Previews

White Background



This preview shows how the YIQ color 92.5830, 121.3090, 42.7250 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 92.5830, 121.3090, 42.7250 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 92.5830, 121.3090, 42.7250

Background



This preview shows how black text looks on a background with the YIQ color 92.5830, 121.3090, 42.7250.



This preview shows how white text looks on a background with the YIQ color 92.5830, 121.3090,

42.7250.

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

92.5830, 121.3090, 42.7250

Protanopia

117.2060, 30.8140, -18.8020

Deuteranopia

113.2520, 59.5630, -27.7090



Tritanopia

92.2410, 122.2720, 41.7920

Trichromacy



Original Color

92.5830, 121.3090, 42.7250

Protanomaly

108.3880, 63.3170, 3.3890

Deuteranomaly

105.8660, 82.1620, -2.2380

Tritanomaly

92.3550, 121.9510, 42.1030

Monochromacy



Original Color

92.5830, 121.3090, 42.7250

Achromatopsia

93.0000, -0.0000, -0.0000

Achromatomaly

93.0120, 44.4250, 15.3770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 92.5830, 121.3090, 42.7250 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(235, 32, 31)` looks like.

```
.text, #text, p{  
    color:rgb(235, 32, 31)  
}
```

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(235, 32, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 32, 31) }
```

Border

The CSS property to change the border of an element to YIQ 92.5830, 121.3090, 42.7250 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(235, 32, 31) }
```


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

```
.border{ border-color:rgb(235, 32, 31) }
```

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

Here you see how a box with a 4 pixel rgb(235, 32, 31) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 32, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 32, 31);  
box-shadow:4px 4px 4px 4px rgb(235, 32,  
31) }
```

Background

The CSS property to change the background color of an element to YIQ 92.5830, 121.3090, 42.7250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 32, 31) }
```

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

```
.background{ background-color: rgb(235, 32,  
31) }
```

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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