

Converting Colors

YIQ(100.9510, 108.2890,
36.3930)

Have a look what the booklet for
YIQ(100.9510, 108.2890, 36.3930)
contains.

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Color

**YIQ(100.9510, 108.2890,
36.3930)**

Conversions

Conversions Part 1

Format	Color
Hex	E3302B
RGB	227, 48, 43
RGB Percent	89%, 19%, 17%
CMY	0.1094, 0.8120, 0.8309
CMYK	0.00, 0.79, 0.81, 0.11
HSL	2°, 77%, 53%
HSV	2°, 81%, 89%
XYZ	33.2045, 18.6314, 4.1423
YIQ	100.9510, 108.2890, 36.3930

Conversions

Conversions Part 2

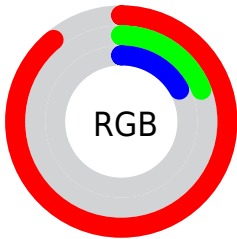
Format	Color
R_{YB}	227, 48, 43
Decimal	14889003
CIE _{Lab}	50.25, 66.57, 46.96
CIE _{LCh}	50, 81.471, 35.202
Yxy	18.6314, 0.5932, 0.3328
Android (android.graphics.Color)	4293079083 (0xFFE3302B)
YUV	100.9510, -28.5698, 110.5450
Hunter-Lab	43.1641, 61.7761, 24.5250

Details

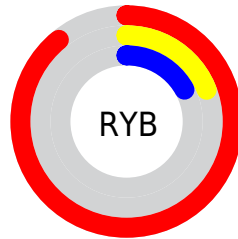
The YIQ color **100.9510, 108.2890, 36.3930** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **169.0490, -108.2890, -36.3930**, and the grayscale version is **101.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **151.0750, 92.8400, 24.5200**, and **48.4380, 96.5520, 34.3440** is the 20% darker color. If you saturate the color by 10%, you get **85.4150, 121.7220, 40.7460**, and if you desaturate by 10%, it is **116.4870, 94.8560, 32.0400**.

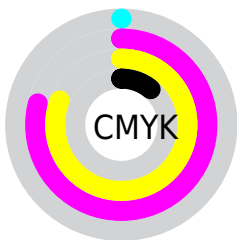
Distribution



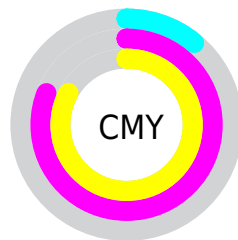
- Red (89%)
- Green (19%)
- Blue (17%)



- Red (89%)
- Yellow (19%)
- Blue (17%)



- Cyan (0%)
- Magenta (79%)
- Yellow (81%)
- Black (11%)





- Cyan (11%)
- Magenta (81%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 100.9510, 108.2890, 36.3930 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 100.9510, 108.2890, 36.3930 by changing the saturation by 10% instead.


 100.9510,
108.2890, 36.3930


 100.9510,
108.2890, 36.3930


255.0000, -0.0000,
-0.0000


 60.5850, 109.8000,
47.5600


 151.0750, 92.8400,
24.5200


 48.7370, 97.1480,
34.5560


 171.0620, 76.5190,
17.4390


 39.1690, 78.0760,
27.7720


 190.9350, 60.5190,
10.0470

 29.6010, 59.0040,
20.9880

 211.0360, 43.8770,
3.2770

 21.5710, 41.3530,
15.9850

 231.8380, 26.6390,
-3.7050

 11.4760, 22.3270,
8.3670

 251.4660, 9.9510,

 0.0000, 0.0000,

-9.6410

0.0000

254.6580, 0.9630,
-0.9330

■ 100.9510,
108.2890, 36.3930

■ 100.9510,
108.2890, 36.3930

■ 85.4150, 121.7220,
40.7460

■ 116.4870, 94.8560,
32.0400


■ 71.3950, 133.6420,
44.9860


■ 132.0230, 81.4230,
27.6870


■ 147.4450, 68.3110,
23.0230


■ 162.9810, 54.8780,
18.6700

■ 179.1040, 41.1700,
13.7940

 194.5260, 28.0580,
9.1300

 210.0620, 14.6250,
4.7770

 225.5980, 1.1920,
0.4240

 241.1340,
-12.2410, -3.9290

Harmonies

Analogous

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



83.5170, 105.6210, 84.7650



100.9510, 108.2890, 36.3930



111.4010, 87.6650, -8.3590

Triad

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



100.9510, 108.2890, 36.3930



91.4990, -57.8510, -58.4190



102.4450, -116.2300, 13.9300

Complementary

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



100.9510, 108.2890, 36.3930



169.0490, -108.2890, -36.3930

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.



111.5120, -118.3370, 2.5510



100.9510, 108.2890, 36.3930



101.6960, -82.4300, -36.9740

Square

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



100.9510, 108.2890, 36.3930



97.4620, -3.7030, -59.5670



109.5620, -104.5790, -15.5150



120.5390, -24.4010, 51.2710

Rectangle

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



100.9510, 108.2890, 36.3930



112.6760, 61.3050, -26.2390



109.5620, -104.5790, -15.5150



106.5540, -118.1550, 10.2690

Sweetspot

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



100.9510, 108.2890, 36.3930



212.8260, 36.0810, 12.4090



118.6500, 51.5630, 95.2990



102.0630, 22.0520, 7.8440



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.



100.9510, 108.2890, 36.3930



85.3750, 145.5620, 49.2260



153.7810, 83.5390, -10.6770



107.1750, 6.8770, 2.0210



56.4560, 105.3090, 35.3330



15.8360, 30.1210, 10.2890

Inverse Universe

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



169.0490, -108.2890, -36.3930



177.6250, -145.5620, -49.2260



116.2190, -83.5390, 10.6770



110.8250, -6.8770, -2.0210



122.5440, -105.3090, -35.3330



35.1640, -30.1210, -10.2890

Previews

White Background



This preview shows how the YIQ color 100.9510, 108.2890, 36.3930 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 100.9510, 108.2890, 36.3930 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 100.9510, 108.2890, 36.3930

Background



This preview shows how black text looks on a background with the YIQ color 100.9510, 108.2890, 36.3930.



This preview shows how white text looks on a background with the YIQ color 100.9510, 108.2890,

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

100.9510, 108.2890, 36.3930

Protanopia

117.3890, 26.0450, -14.9710

Deuteranopia

115.0310, 50.3000, -19.5240



Tritanopia

100.9340, 106.9590, 38.4710

Trichromacy



Original Color

100.9510, 108.2890, 36.3930

Protanomaly

111.4950, 55.7060, 3.6580

Deuteranomaly

109.9990, 71.6620, 0.8300

Tritanomaly

100.7060, 107.6010, 37.8490

Monochromacy



Original Color

100.9510, 108.2890, 36.3930

Achromatopsia

101.0000, -0.0000, 0.0000

Achromatomaly

101.2070, 39.3820, 13.1580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 100.9510, 108.2890, 36.3930 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(227, 48, 43)` looks like.

```
.text, #text, p{  
    color:rgb(227, 48, 43)  
}
```

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(227, 48, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 48, 43) }
```

Border

The CSS property to change the border of an element to YIQ 100.9510, 108.2890, 36.3930 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(227, 48, 43) }
```


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

```
.border{ border-color:rgb(227, 48, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 48, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 48, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 48, 43);  
box-shadow:4px 4px 4px 4px rgb(227, 48,  
43) }
```

Background

The CSS property to change the background color of an element to YIQ 100.9510, 108.2890, 36.3930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 48, 43) }
```

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

```
.background{ background-color: rgb(227, 48,  
43) }
```

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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