

Converting Colors

YIQ(95.8580, 113.2850, 44.9730)

Have a look what the booklet for
YIQ(95.8580, 113.2850, 44.9730)
contains.

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Color

**YIQ(95.8580, 113.2850,
44.9730)**

Conversions

Conversions Part 1

Format	Color
Hex	E8242F
RGB	232, 36, 47
RGB Percent	91%, 14%, 18%
CMY	0.0897, 0.8591, 0.8152
CMYK	0.00, 0.85, 0.80, 0.09
HSL	357°, 81%, 53%
HSV	357°, 85%, 91%
XYZ	34.4617, 18.6389, 4.4826
YIQ	95.8580, 113.2850, 44.9730

Conversions

Conversions Part 2

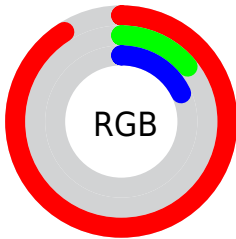
Format	Color
R_{YB}	232, 36, 47
Decimal	15213615
CIE _{Lab}	50.26, 70.92, 45.19
CIE _{LCh}	50, 84.094, 32.502
Yxy	18.6389, 0.5985, 0.3237
Android (android.graphics.Color)	4293403695 (0xFFE8242F)
YUV	95.8580, -24.0870, 119.3965
Hunter-Lab	43.1728, 66.9308, 24.0650

Details

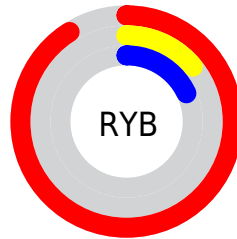
The YIQ color **95.8580, 113.2850, 44.9730** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **172.1420, -113.2850, -44.9730**, and the grayscale version is **96.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **148.0090, 93.2060, 28.9020**, and **50.1610, 98.8900, 36.0260** is the 20% darker color. If you saturate the color by 10%, you get **79.8490, 126.6720, 50.1600**, and if you desaturate by 10%, it is **111.8670, 99.8980, 39.7860**.

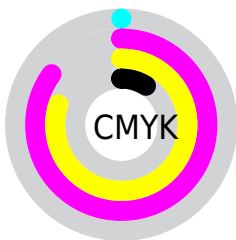
Distribution



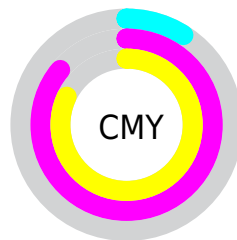
- Red (91%)
- Green (14%)
- Blue (18%)



- Red (91%)
- Yellow (14%)
- Blue (18%)



- Cyan (0%)
- Magenta (85%)
- Yellow (80%)
- Black (9%)





- Cyan (9%)
- Magenta (86%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 95.8580, 113.2850, 44.9730 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 95.8580, 113.2850, 44.9730 by changing the saturation by 10% instead.


 95.8580, 113.2850,
44.9730


 95.8580, 113.2850,
44.9730


255.0000, -0.0000,
-0.0000


 62.3510, 110.5790,
49.9630


 148.0090, 93.2060,
28.9020


 50.1610, 98.8900,
36.0260


 168.4690, 76.9310,
20.9870


 40.3650, 80.4600,
28.6200


 188.4560, 60.6100,
13.9060

 30.9110, 61.0670,
22.1470

 209.1440, 43.6930,
6.6130

 22.5820, 42.8200,
16.9320

 229.2450, 27.0510,
-0.1570

 12.6720, 24.7110,
9.2150

 250.1610, 9.4920,

 0.0000, 0.0000,

-6.8280

0.0000

■ 95.8580, 113.2850,
44.9730

■ 95.8580, 113.2850,
44.9730

■ 79.8490, 126.6720,
50.1600

■ 111.8670, 99.8980,
39.7860

■ 70.8500, 134.0990,
53.2270


■ 127.8760, 86.5110,
34.5990


■ 144.4720, 72.8490,
28.8890


■ 160.4810, 59.4620,
23.7020

■ 176.4900, 46.0750,
18.5150

■ 192.3850, 33.0090,
13.0170

 208.3940, 19.6220,
7.8300

 224.9900, 5.9600,
2.1200

 240.9990, -7.4270,
-3.0670

Harmonies

Analogous

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



84.7990, 104.8870, 87.0550



95.8580, 113.2850, 44.9730



110.2600, 92.6160, -4.4720

Triad

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



95.8580, 113.2850, 44.9730



90.3590, -54.6410, -61.5290



104.2060, -117.0550, 12.3610

Complementary

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



95.8580, 113.2850, 44.9730



172.1420, -113.2850, -44.9730

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.



112.8000, -119.2080, 1.8160



95.8580, 113.2850, 44.9730



101.5990, -80.7790, -39.3630

Square

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



95.8580, 113.2850, 44.9730



98.6690, 0.1480, -57.7720



109.8070, -103.8910, -16.9710



119.2110, -35.2210, 49.1230

Rectangle

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



95.8580, 113.2850, 44.9730



113.2960, 65.4310, -23.9210



109.8070, -103.8910, -16.9710



108.3150, -118.9800, 8.7000

Sweetspot

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



95.8580, 113.2850, 44.9730



210.5920, 36.8600, 14.8120



113.0610, 46.1520, 99.7520



100.8890, 22.6020, 8.8900



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.



95.8580, 113.2850, 44.9730



77.9550, 147.1650, 58.7250



144.4990, 93.4410, -2.9030



109.2890, 6.5560, 2.3320



55.2590, 104.6660, 41.4820



16.4880, 31.2210, 12.3810

Inverse Universe

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



95.8580, 113.2850, 44.9730



77.9550, 147.1650, 58.7250



123.5010, -93.4410, 2.9030



109.2890, 6.5560, 2.3320



55.2590, 104.6660, 41.4820



16.4880, 31.2210, 12.3810

Previews

White Background



This preview shows how the YIQ color 95.8580, 113.2850, 44.9730 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 95.8580, 113.2850, 44.9730 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 95.8580, 113.2850, 44.9730

Background



This preview shows how black text looks on a background with the YIQ color 95.8580, 113.2850, 44.9730.



This preview shows how white text looks on a background with the YIQ color 95.8580, 113.2850,

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

95.8580, 113.2850, 44.9730

Protanopia

117.8880, 23.2020, -13.0060

Deuteranopia

115.6010, 48.6950, -17.9690



Tritanopia

95.7780, 116.2660, 40.5060

Trichromacy



Original Color

95.8580, 113.2850, 44.9730

Protanomaly

109.5430, 55.7510, 8.3510

Deuteranomaly

108.5200, 71.7530, 4.6890

Tritanomaly

95.6470, 115.2570, 42.2730

Monochromacy



Original Color

95.8580, 113.2850, 44.9730

Achromatopsia

96.0000, -0.0000, 0.0000

Achromatomaly

95.6850, 41.0320, 16.2960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 95.8580, 113.2850, 44.9730 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(232, 36, 47)` looks like.

```
.text, #text, p{  
    color:rgb(232, 36, 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(232, 36, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 36, 47) }
```

Border

The CSS property to change the border of an element to YIQ 95.8580, 113.2850, 44.9730 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(232, 36, 47) }
```


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

```
.border{ border-color:rgb(232, 36, 47) }
```

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

Here you see how a box with a 4 pixel rgb(232, 36, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 36, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 36, 47);  
box-shadow:4px 4px 4px 4px rgb(232, 36,  
47) }
```

Background

The CSS property to change the background color of an element to YIQ 95.8580, 113.2850, 44.9730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 36, 47) }
```

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

```
.background{ background-color: rgb(232, 36,  
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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