

Converting Colors

YIQ(94.4450, 113.0100, 44.4500)

Have a look what the booklet for
YIQ(94.4450, 113.0100, 44.4500)
contains.

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Color

**YIQ(94.4450, 113.0100,
44.4500)**

Conversions

Conversions Part 1

Format	Color
Hex	E6232D
RGB	230, 35, 45
RGB Percent	90%, 14%, 18%
CMY	0.0976, 0.8630, 0.8231
CMYK	0.00, 0.85, 0.80, 0.10
HSL	357°, 80%, 52%
HSV	357°, 85%, 90%
XYZ	33.7461, 18.2304, 4.2342
YIQ	94.4450, 113.0100, 44.4500

Conversions

Conversions Part 2

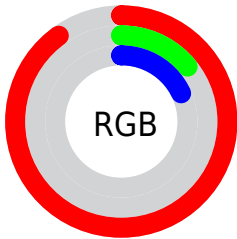
Format	Color
RYB	230, 35, 45
Decimal	15082285
CIELab	49.77, 70.54, 45.65
CIELCh	50, 84.020, 32.906
Yxy	18.2304, 0.6003, 0.3243
Android (android.graphics.Color)	4293272365 (0xFFE6232D)
YUV	94.4450, -24.3764, 118.8817
Hunter-Lab	42.6971, 66.3593, 24.0083

Details

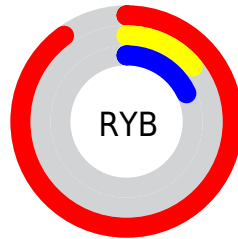
The YIQ color **94.4450, 113.0100, 44.4500** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **170.5550, -113.0100, -44.4500**, and the grayscale version is **95.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **147.1940, 94.1230, 28.8030**, and **49.3350, 98.3400, 34.9800** is the 20% darker color. If you saturate the color by 10%, you get **78.4360, 126.3970, 49.6370**, and if you desaturate by 10%, it is **110.4540, 99.6230, 39.2630**.

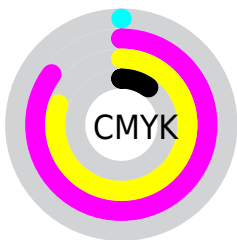
Distribution



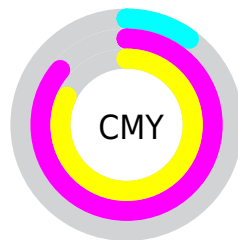
- Red (90%)
- Green (14%)
- Blue (18%)



- Red (90%)
- Yellow (14%)
- Blue (18%)



- Cyan (0%)
- Magenta (85%)
- Yellow (80%)
- Black (10%)





- Cyan (10%)
- Magenta (86%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 94.4450, 113.0100, 44.4500 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 94.4450, 113.0100, 44.4500 by changing the saturation by 10% instead.


 94.4450, 113.0100,
44.4500

 94.4450, 113.0100,
44.4500


255.0000, -0.0000,
-0.0000


 61.5250, 110.0290,
48.9170


 147.1940, 94.1230,
28.8030


 49.3350, 98.3400,
34.9800


 167.6540, 77.8480,
20.8880

 39.7670, 79.2680,
28.1960


 187.6410, 61.5270,
13.8070

 30.3130, 59.8750,
21.7230

 208.3290, 44.6100,
6.5140

 21.9840, 41.6280,
16.5080

 228.4300, 27.9680,
-0.2560

 12.0740, 23.5190,
8.7910

 249.2320, 10.7300,

 0.0000, 0.0000,

-7.2380

0.0000

254.8860, 0.3210,
-0.3110

■ 94.4450, 113.0100,
44.4500

■ 94.4450, 113.0100,
44.4500

■ 78.4360, 126.3970,
49.6370

■ 110.4540, 99.6230,
39.2630

■ 70.1380, 133.2280,
52.4920

■ 126.4630, 86.2360,
34.0760

■ 142.4720, 72.8490,
28.8890

■ 158.3670, 59.7830,
23.3910

■ 174.3760, 46.3960,
18.2040

■ 190.3850, 33.0090,
13.0170

■ 206.3940, 19.6220,
7.8300

■ 222.4030, 6.2350,
2.6430

■ 238.2980, -6.8310,
-2.8550

Harmonies

Analogous

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



84.2720, 104.9330, 86.2210



94.4450, 113.0100, 44.4500



109.6620, 91.4240, -4.8960

Triad

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



94.4450, 113.0100, 44.4500



89.7720, -54.3660, -61.0060



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.



94.4450, 113.0100, 44.4500



170.5550, -113.0100, -44.4500

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



94.4450, 113.0100, 44.4500



100.4250, -80.2290, -38.3170

Square

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



94.4450, 113.0100, 44.4500



97.4840, -0.7690, -57.6730



108.5190, -103.0200, -16.2360



117.8090, -34.0290, 49.5470

Rectangle

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



94.4450, 113.0100, 44.4500



112.1110, 64.5140, -23.8220



108.5190, -103.0200, -16.2360



107.1410, -118.4300, 9.7460

Sweetspot

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



94.4450, 113.0100, 44.4500



210.5920, 36.8600, 14.8120



111.6480, 45.8770, 99.2290



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.



94.4450, 113.0100, 44.4500



77.7270, 147.8070, 58.1030



143.2000, 92.8450, -3.1150



106.7020, 6.8310, 2.8550



54.5470, 103.7950, 40.7470



15.5910, 29.4330, 11.7450

Inverse Universe

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



94.4450, 113.0100, 44.4500



77.7270, 147.8070, 58.1030



122.3870, -93.1200, 2.5920



106.7020, 6.8310, 2.8550



54.5470, 103.7950, 40.7470



15.5910, 29.4330, 11.7450

Previews

White Background



This preview shows how the YIQ color 94.4450, 113.0100, 44.4500 looks on a white background.

Color Contrast Check

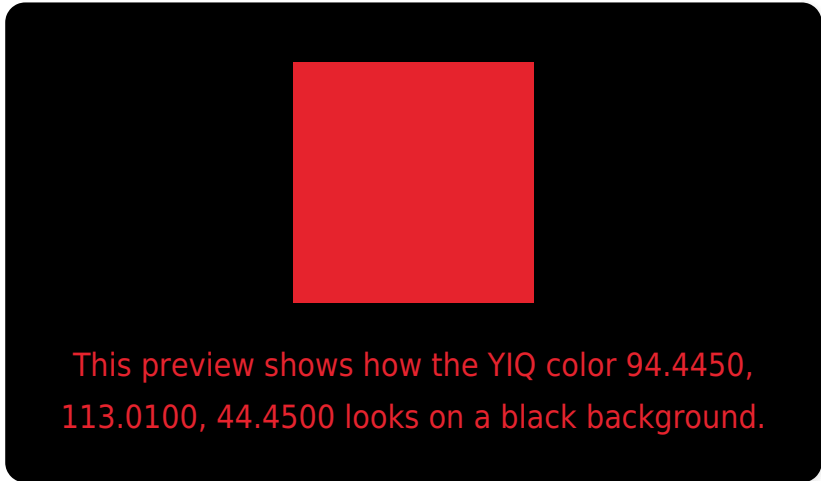
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 94.4450, 113.0100, 44.4500

Background



This preview shows how black text looks on a background with the YIQ color 94.4450, 113.0100, 44.4500.



This preview shows how white text looks on a background with the YIQ color 94.4450, 113.0100,

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

94.4450, 113.0100, 44.4500

Protanopia

116.6600, 23.8440, -13.6280

Deuteranopia

114.3730, 49.3370, -18.5910



Tritanopia

94.4790, 115.6700, 40.2940

Trichromacy



Original Color

94.4450, 113.0100, 44.4500

Protanomaly

108.3150, 56.3930, 7.7290

Deuteranomaly

107.2920, 72.3950, 4.0670

Tritanomaly

94.3480, 114.6610, 42.0610

Monochromacy



Original Color

94.4450, 113.0100, 44.4500

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

94.2720, 40.7570, 15.7730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 94.4450, 113.0100, 44.4500 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(230, 35, 45)` looks like.

```
.text, #text, p{  
    color:rgb(230, 35, 45)  
}
```

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(230, 35, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 35, 45) }
```

Border

The CSS property to change the border of an element to YIQ 94.4450, 113.0100, 44.4500 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(230, 35, 45) }
```


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

```
.border{ border-color:rgb(230, 35, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 35, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 35, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 35, 45);  
box-shadow:4px 4px 4px 4px rgb(230, 35,  
45) }
```

Background

The CSS property to change the background color of an element to YIQ 94.4450, 113.0100, 44.4500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 35, 45) }
```

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

```
.background{ background-color: rgb(230, 35,  
45) }
```

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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