

Converting Colors

YIQ(107.5770, 95.0830, 44.4510)

Have a look what the booklet for
YIQ(107.5770, 95.0830, 44.4510)
contains.

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Color

**YIQ(107.5770, 95.0830,
44.4510)**

Conversions

Conversions Part 1

Format	Color
Hex	E2354E
RGB	226, 53, 78
RGB Percent	89%, 21%, 31%
CMY	0.1133, 0.7924, 0.6938
CMYK	0.00, 0.77, 0.65, 0.11
HSL	351°, 75%, 55%
HSV	351°, 77%, 89%
XYZ	34.0464, 19.2773, 9.1513
YIQ	107.5770, 95.0830, 44.4510

Conversions

Conversions Part 2

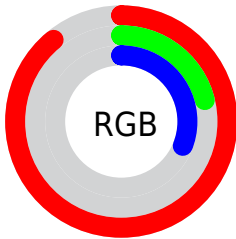
Format	Color
R_{YB}	226, 53, 78
Decimal	14824782
CIE Lab	51.01, 66.26, 27.93
CIE LCh	51, 71.906, 22.855
Yxy	19.2773, 0.5450, 0.3086
Android (android.graphics.Color)	4293014862 (0xFFE2354E)
YUV	107.5770, -14.5815, 103.8570
Hunter-Lab	43.9060, 61.5806, 18.3763

Details

The YIQ color **107.5770, 95.0830, 44.4510** 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 **171.4230, -95.0830, -44.4510**, and the grayscale version is **108.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **157.6410, 79.8630, 33.9350**, and **52.6130, 86.2340, 45.1300** is the 20% darker color. If you saturate the color by 10%, you get **91.9100, 107.5070, 50.5710**, and if you desaturate by 10%, it is **123.2440, 82.6590, 38.3310**.

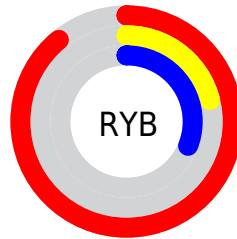
Distribution



Red (89%)

Green (21%)

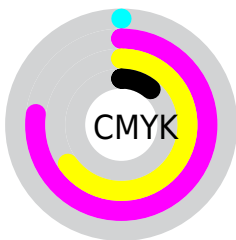
Blue (31%)



Red (89%)

Yellow (21%)

Blue (31%)

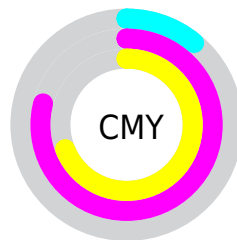


Cyan (0%)

Magenta (77%)

Yellow (65%)

Black (11%)



Cyan (11%)


Magenta (79%)


Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 107.5770, 95.0830, 44.4510 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 107.5770, 95.0830, 44.4510 by changing the saturation by 10% instead.


 107.5770, 95.0830,
44.4510


 107.5770, 95.0830,
44.4510


255.0000, -0.0000,
-0.0000

 66.0370, 97.1440,
56.6640


 157.6410, 79.8630,
33.9350


 52.6130, 86.2340,
45.1300


 177.6280, 63.5420,
26.8540


 41.0640, 74.1780,
32.3380


 197.7290, 46.9000,
20.0840

 30.1990, 60.1960,
21.4120

 217.8300, 30.2580,
13.3140

 21.8700, 41.9490,
16.1970

 238.6320, 13.0200,
6.3320

 12.3730, 24.1150,
9.0030

 0.0000, 0.0000,

0.0000

■ 107.5770, 95.0830,
44.4510

■ 107.5770, 95.0830,
44.4510

■ 91.9100, 107.5070,
50.5710

■ 123.2440, 82.6590,
38.3310

■ 76.7160, 119.9770,
55.8570

■ 138.4380, 70.1890,
33.0450


■ 71.3360, 124.1030,
58.1750

■ 154.1050, 57.7650,
26.9250


■ 169.1850, 45.6160,
21.3280

■ 184.9660, 32.8710,
15.5190

■ 200.6330, 20.4470,
9.3990

 215.7130, 8.2980,
3.8020

 231.4940, -4.4470,
-2.0070

 245.9870,
-16.3210, -7.0810

Harmonies

Analogous

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



109.5140, 74.1720, 65.5000



107.5770, 95.0830, 44.4510



112.8890, 92.5230, 2.7230

Triad

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



107.5770, 95.0830, 44.4510



87.8000, -51.5690, -62.1370



106.5880, -115.4950, 6.1130

Complementary

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



107.5770, 95.0830, 44.4510



171.4230, -95.0830, -44.4510

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.



110.0810, -110.1740, -7.7260



107.5770, 95.0830, 44.4510



98.1450, -73.8090, -44.5370

Square

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



107.5770, 95.0830, 44.4510



107.9820, 24.4920, -47.4120



106.0280, -94.6280, -25.1560



116.2690, -59.4720, 31.5680

Rectangle

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



107.5770, 95.0830, 44.4510



113.9600, 75.4250, -17.8150



106.0280, -94.6280, -25.1560



108.3660, -114.9900, 2.4660

Sweetspot

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



107.5770, 95.0830, 44.4510



214.6670, 32.2750, 15.3070



116.6750, 32.0790, 84.9670



103.3340, 19.8510, 9.1870



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.



107.5770, 95.0830, 44.4510



94.1410, 129.1460, 60.3940



140.5340, 86.3330, 4.7730



104.5170, 5.9140, 2.9540



55.5880, 96.5500, 45.3980



15.1500, 26.3610, 12.3530

Inverse Universe

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



107.5770, 95.0830, 44.4510



94.1410, 129.1460, 60.3940



138.4660, -86.3330, -4.7730



104.5170, 5.9140, 2.9540



55.5880, 96.5500, 45.3980



15.1500, 26.3610, 12.3530

Previews

White Background



This preview shows how the YIQ color 107.5770, 95.0830, 44.4510 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 107.5770, 95.0830, 44.4510 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 107.5770, 95.0830, 44.4510

Background



This preview shows how black text looks on a background with the YIQ color 107.5770, 95.0830, 44.4510.



This preview shows how white text looks on a background with the YIQ color 107.5770, 95.0830,

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

107.5770, 95.0830, 44.4510

Protanopia

121.9700, 8.7120, -3.7040

Deuteranopia

120.5090, 34.7550, -7.6210



Tritanopia

107.4600, 99.4860, 36.2380

Trichromacy



Original Color

107.5770, 95.0830, 44.4510

Protanomaly

116.9190, 40.2530, 13.8930

Deuteranomaly

115.7220, 56.8050, 11.2770

Tritanomaly

107.6710, 97.5140, 38.9380

Monochromacy



Original Color

107.5770, 95.0830, 44.4510

Achromatopsia

108.0000, -0.0000, 0.0000

Achromatomaly

107.8630, 34.6590, 16.1550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 107.5770, 95.0830, 44.4510 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(226, 53, 78)` looks like.

```
.text, #text, p{  
    color:rgb(226, 53, 78)  
}
```

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(226, 53, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 53, 78) }
```

Border

The CSS property to change the border of an element to YIQ 107.5770, 95.0830, 44.4510 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(226, 53, 78) }
```


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

```
.border{ border-color:rgb(226, 53, 78) }
```

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

Here you see how a box with a 4 pixel rgb(226, 53, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 53, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 53, 78);  
box-shadow:4px 4px 4px 4px rgb(226, 53,  
78) }
```

Background

The CSS property to change the background color of an element to YIQ 107.5770, 95.0830, 44.4510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 53, 78) }
```

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

```
.background{ background-color: rgb(226, 53,  
78) }
```

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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