

Converting Colors

YIQ(106.7660, 99.3450, 55.3210)

Have a look what the booklet for
YIQ(106.7660, 99.3450, 55.3210)
contains.

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Color

**YIQ(106.7660, 99.3450,
55.3210)**

Conversions

Conversions Part 1

Format	Color
Hex	EC2C5B
RGB	236, 44, 91
RGB Percent	93%, 17%, 36%
CMY	0.0740, 0.8277, 0.6428
CMYK	0.00, 0.81, 0.61, 0.07
HSL	345°, 84%, 55%
HSV	345°, 81%, 93%
XYZ	37.4232, 20.4064, 11.8846
YIQ	106.7660, 99.3450, 55.3210

Conversions

Conversions Part 2

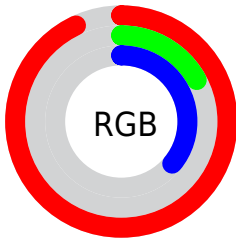
Format	Color
R_{YB}	236, 44, 91
Decimal	15477851
CIE _{Lab}	52.29, 72.10, 22.17
CIE _{LCh}	52, 75.431, 17.090
Yxy	20.4064, 0.5368, 0.2927
Android (android.graphics.Color)	4293667931 (0xFFEC2C5B)
YUV	106.7660, -7.7726, 113.3382
Hunter-Lab	45.1734, 68.8221, 16.0229

Details

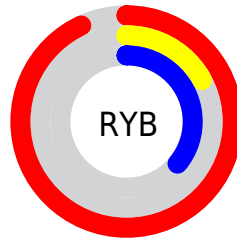
The YIQ color **106.7660, 99.3450, 55.3210** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **173.2340, -99.3450, -55.3210**, and the grayscale version is **107.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **156.8890, 76.4690, 40.3810**, and **56.9710, 88.3420, 50.9820** is the 20% darker color. If you saturate the color by 10%, you get **90.6260, 111.7230, 62.2750**, and if you desaturate by 10%, it is **122.9060, 86.9670, 48.3670**.

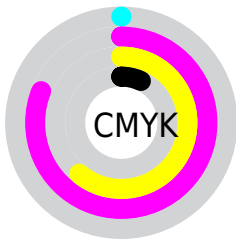
Distribution



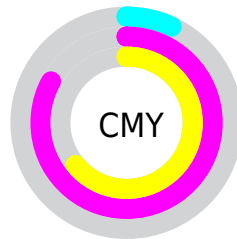
- Red (93%)
- Green (17%)
- Blue (36%)



- Red (93%)
- Yellow (17%)
- Blue (36%)



- Cyan (0%)
- Magenta (81%)
- Yellow (61%)
- Black (7%)




- Cyan (7%)
- Magenta (83%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 106.7660, 99.3450, 55.3210 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 106.7660, 99.3450, 55.3210 by changing the saturation by 10% instead.


 106.7660, 99.3450,
55.3210


 106.7660, 99.3450,
55.3210


255.0000, -0.0000,
-0.0000


 68.7480, 99.7560,
64.3960


 156.8890, 76.4690,
40.3810


 56.9710, 88.3420,
50.9820


 177.4630, 59.8730,
32.7770

 45.1230, 75.6900,
37.9780


 197.5640, 43.2310,
26.0070

 33.1890, 66.1560,
23.5320

 218.3660, 25.9930,
19.0250

 24.2620, 46.7170,
17.8930

 239.2820, 8.4340,
12.3540

 14.8790, 28.5620,
11.0100

 0.0000, 0.0000,

0.0000

■ 106.7660, 99.3450,
55.3210

■ 106.7660, 99.3450,
55.3210

■ 90.6260, 111.7230,
62.2750

■ 122.9060, 86.9670,
48.3670

■ 77.1760, 122.0380,
68.0700


■ 138.4590, 74.8640,
41.9360


■ 154.5990, 62.4860,
34.9820

■ 170.0380, 50.7040,
28.2400

■ 186.1780, 38.3260,
21.2860

■ 202.3180, 25.9480,
14.3320

 217.8710, 13.8450,
7.9010

 234.0110, 1.4670,
0.9470

 248.8630,
-10.0400, -5.2720

Harmonies

Analogous

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



112.9360, 70.2280, 70.9000



106.7660, 99.3450, 55.3210



114.6220, 98.0690, 12.3490

Triad

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



106.7660, 99.3450, 55.3210



90.4560, -39.0970, -67.9050



111.4950, -119.6670, 4.6290

Complementary

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



106.7660, 99.3450, 55.3210



173.2340, -99.3450, -55.3210

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.



113.0160, -111.5490, -10.3410



106.7660, 99.3450, 55.3210



99.2390, -71.3780, -50.0500

Square

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



106.7660, 99.3450, 55.3210



113.0540, 33.1570, -44.7550



108.1650, -93.7560, -29.9480



102.2290, -106.6940, 17.3220

Rectangle

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



106.7660, 99.3450, 55.3210



116.6840, 85.1900, -13.0660



108.1650, -93.7560, -29.9480



113.0450, -118.5200, 0.3600

Sweetspot

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



106.7660, 99.3450, 55.3210



213.9490, 31.5410, 17.5970



108.9440, 24.1920, 90.2400



103.0890, 19.1630, 10.6430



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.



106.7660, 99.3450, 55.3210



86.7040, 129.4190, 71.9710



129.5840, 101.2320, 15.6000



109.5170, 5.9140, 2.9540



59.1350, 93.7520, 52.0560



17.6280, 28.0110, 15.4910

Inverse Universe

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



106.7660, 99.3450, 55.3210



86.7040, 129.4190, 71.9710



150.4160, -101.2320, -15.6000



109.5170, 5.9140, 2.9540



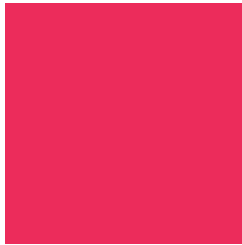
59.1350, 93.7520, 52.0560



17.6280, 28.0110, 15.4910

Previews

White Background



This preview shows how the YIQ color 106.7660, 99.3450, 55.3210 looks on a white background.

Color Contrast Check

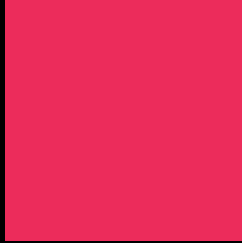
Large Text (above 18pt) WCAG AA ✓ Pass

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 106.7660, 99.3450, 55.3210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

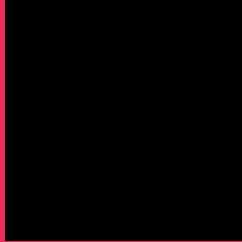
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 106.7660, 99.3450, 55.3210

Background



This preview shows how black text looks on a background with the YIQ color 106.7660, 99.3450, 55.3210.



This preview shows how white text looks on a background with the YIQ color 106.7660, 99.3450,

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

106.7660, 99.3450, 55.3210

Protanopia

125.7120, 0.8710, 0.7350

Deuteranopia

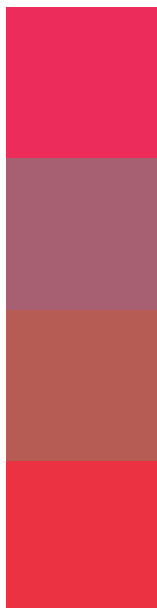
124.9370, 30.6740, -5.2460



Tritanopia

107.5320, 108.1510, 38.8950

Trichromacy



Original Color

106.7660, 99.3450, 55.3210

Protanomaly

119.1670, 36.8590, 20.3390

Deuteranomaly

118.1120, 55.8870, 16.9030

Tritanomaly

107.2530, 104.8030, 44.5070

Monochromacy



Original Color

106.7660, 99.3450, 55.3210

Achromatopsia

107.0000, -0.0000, 0.0000

Achromatomaly

106.8680, 36.2630, 20.1270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 106.7660, 99.3450, 55.3210 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(236, 44, 91)` looks like.

```
.text, #text, p{  
    color:rgb(236, 44, 91)  
}
```

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(236, 44, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 44, 91) }
```

Border

The CSS property to change the border of an element to YIQ 106.7660, 99.3450, 55.3210 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(236, 44, 91) }
```


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

```
.border{ border-color:rgb(236, 44, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 44, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 44, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 44, 91);  
box-shadow:4px 4px 4px 4px rgb(236, 44,  
91) }
```

Background

The CSS property to change the background color of an element to YIQ 106.7660, 99.3450, 55.3210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 44, 91) }
```

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

```
.background{ background-color: rgb(236, 44,  
91) }
```

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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