

Converting Colors

YIQ(122.2170, 96.4570, 52.5930)

Have a look what the booklet for
YIQ(122.2170, 96.4570, 52.5930)
contains.

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Color

**YIQ(122.2170, 96.4570,
52.5930)**

Conversions

Conversions Part 1

Format	Color
Hex	F73E69
RGB	247, 62, 105
RGB Percent	97%, 24%, 41%
CMY	0.0309, 0.7571, 0.5879
CMYK	0.00, 0.75, 0.57, 0.03
HSL	346°, 92%, 61%
HSV	346°, 75%, 97%
XYZ	42.6726, 24.2544, 15.8211
YIQ	122.2170, 96.4570, 52.5930

Conversions

Conversions Part 2

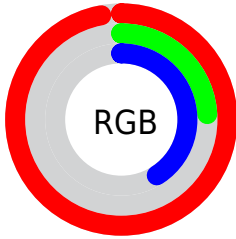
Format	Color
R_{YB}	247, 62, 105
Decimal	16203369
CIE _{Lab}	56.34, 71.04, 19.58
CIE _{LCh}	56, 73.692, 15.410
Yxy	24.2544, 0.5157, 0.2931
Android (android.graphics.Color)	4294393449 (0xFFFF73E69)
YUV	122.2170, -8.4880, 109.4347
Hunter-Lab	49.2487, 68.4797, 15.4273

Details

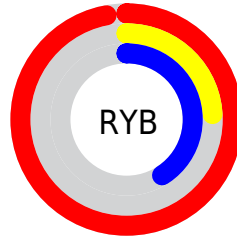
The YIQ color **122.2170, 96.4570, 52.5930** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **186.7830, -96.4570, -52.5930**, and the grayscale version is **122.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **166.8170, 67.8040, 37.7240**, and **61.6280, 91.0460, 57.0460** is the 20% darker color. If you saturate the color by 10%, you get **105.3760, 109.4310, 59.7590**, and if you desaturate by 10%, it is **139.0580, 83.4830, 45.4270**.

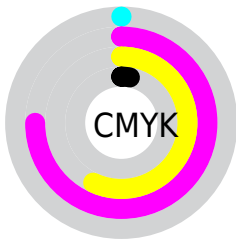
Distribution



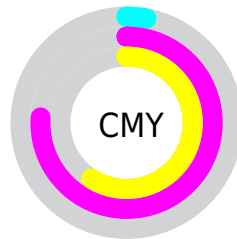
- Red (97%)
- Green (24%)
- Blue (41%)



- Red (97%)
- Yellow (24%)
- Blue (41%)



- Cyan (0%)
- Magenta (75%)
- Yellow (57%)
- Black (3%)





- Cyan (3%)
- Magenta (76%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 122.2170, 96.4570, 52.5930 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 122.2170, 96.4570, 52.5930 by changing the saturation by 10% instead.


 122.2170, 96.4570,
52.5930


 122.2170, 96.4570,
52.5930


255.0000, -0.0000,
-0.0000


 84.0850, 97.1890,
61.3570


 166.8170, 67.8040,
37.7240


 61.7420, 90.7250,
57.3570


 186.9180, 51.1620,
30.9540


 49.9650, 79.3110,
43.9430


 207.6060, 34.2450,
23.6610

 38.5300, 66.9340,
31.4620

 227.9350, 16.9610,
17.5130

 27.4370, 53.5940,
19.9140

 247.3690, 3.5750,
6.7990

 18.5810, 35.3930,
13.8650

 7.5890, 14.5790,

5.6110

■ 0.0000, 0.0000,
0.0000

■ 122.2170, 96.4570,
52.5930

■ 122.2170, 96.4570,
52.5930

■ 105.3760,
109.4310, 59.7590

■ 139.0580, 83.4830,
45.4270

■ 89.1220, 122.1300,
66.4020

■ 155.3120, 70.7840,
38.7840

■ 80.4650, 128.5940,
70.4020

■ 172.1530, 57.8100,
31.6180

■ 188.9940, 44.8360,
24.4520

■ 205.2480, 32.1370,
17.8090

222.0890, 19.1630,
10.6430

238.9300, 6.1890,
3.4770

252.6080, -4.7680,
-1.6960

Harmonies

Analogous

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



128.8490, 65.9190, 66.3910



122.2170, 96.4570, 52.5930



126.3170, 97.6100, 15.1620

Triad

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



122.2170, 96.4570, 52.5930



109.1700, -23.3720, -61.0360



117.7070, -123.3800, 0.3320

Complementary

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



122.2170, 96.4570, 52.5930



186.7830, -96.4570, -52.5930

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.



120.2710, -116.8210, -13.9170



122.2170, 96.4570, 52.5930



106.4940, -76.6500, -53.6260

Square

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



122.2170, 96.4570, 52.5930



122.8220, 39.6220, -46.2820



115.3060, -98.7070, -33.8350



116.1220, -99.0830, 17.0530

Rectangle

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



122.2170, 96.4570, 52.5930



126.1530, 91.0590, -14.8050



115.3060, -98.7070, -33.8350



120.3000, -123.7920, -3.2160

Sweetspot

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



122.2170, 96.4570, 52.5930



217.2260, 29.2030, 15.9150



125.5480, 25.2470, 87.6390



105.0780, 17.6960, 9.6960



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.



122.2170, 96.4570, 52.5930



99.9260, 119.7460, 65.5540



146.0780, 96.7850, 13.5930



113.9300, 6.1890, 3.4770



60.5160, 97.0530, 52.8050



19.2370, 30.6700, 16.8620

Inverse Universe

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



122.2170, 96.4570, 52.5930



99.9260, 119.7460, 65.5540



162.9220, -96.7850, -13.5930



113.9300, 6.1890, 3.4770



60.5160, 97.0530, 52.8050



19.2370, 30.6700, 16.8620

Previews

White Background



This preview shows how the YIQ color 122.2170, 96.4570, 52.5930 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 122.2170, 96.4570, 52.5930 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 122.2170, 96.4570, 52.5930

Background



This preview shows how black text looks on a background with the YIQ color 122.2170, 96.4570, 52.5930.



This preview shows how white text looks on a background with the YIQ color 122.2170, 96.4570,

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

122.2170, 96.4570, 52.5930

Protanopia

136.1680, -0.4130, 1.9790

Deuteranopia

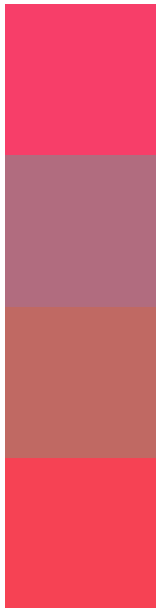
135.3930, 29.3900, -4.0020



Tritanopia

122.2650, 104.5290, 38.4570

Trichromacy



Original Color

122.2170, 96.4570, 52.5930

Protanomaly

130.7970, 35.0250, 20.5370

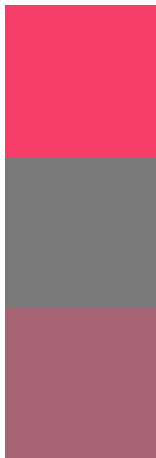
Deuteranomaly

130.3290, 53.7780, 16.5780

Tritanomaly

121.8720, 101.5020, 43.7580

Monochromacy



Original Color

122.2170, 96.4570, 52.5930

Achromatopsia

122.0000, 0.0000, -0.0000

Achromatomaly

121.8570, 34.7960, 19.1800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 122.2170, 96.4570, 52.5930 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(247, 62, 105)` looks like.

```
.text, #text, p{  
    color:rgb(247, 62, 105)  
}
```

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(247, 62, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 62, 105) }
```

Border

The CSS property to change the border of an element to YIQ 122.2170, 96.4570, 52.5930 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(247, 62, 105) }
```


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

```
.border{ border-color:rgb(247, 62, 105) }
```

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

Here you see how a box with a 4 pixel rgb(247, 62, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 62, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 62, 105);  
box-shadow:4px 4px 4px 4px rgb(247, 62,  
105) }
```

Background

The CSS property to change the background color of an element to YIQ 122.2170, 96.4570, 52.5930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 62, 105) }
```

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

```
.background{ background-color: rgb(247, 62,  
105) }
```

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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