

Converting Colors

YIQ(122.5510, 97.9720, 41.6520)

Have a look what the booklet for
YIQ(122.5510, 97.9720, 41.6520)
contains.

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Color

**YIQ(122.5510, 97.9720,
41.6520)**

Conversions

Conversions Part 1

Format	Color
Hex	F24555
RGB	242, 69, 85
RGB Percent	95%, 27%, 33%
CMY	0.0506, 0.7296, 0.6663
CMYK	0.00, 0.72, 0.65, 0.05
HSL	354°, 87%, 61%
HSV	354°, 72%, 95%
XYZ	40.4220, 23.8010, 11.0779
YIQ	122.5510, 97.9720, 41.6520

Conversions

Conversions Part 2

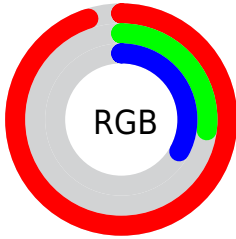
Format	Color
R_{YB}	242, 69, 85
Decimal	15877461
CIE _{Lab}	55.89, 66.15, 30.58
CIE _{LCh}	56, 72.871, 24.810
Yxy	23.8010, 0.5368, 0.3161
Android (android.graphics.Color)	4294067541 (0xFFFF24555)
YUV	122.5510, -18.5126, 104.7568
Hunter-Lab	48.7863, 62.5209, 20.6874

Details

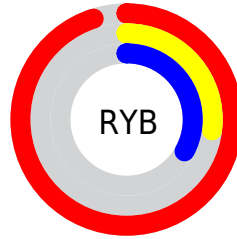
The YIQ color **122.5510, 97.9720, 41.6520** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle washed red. A complement of this color would be **188.4490, -97.9720, -41.6520**, and the grayscale version is **123.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **166.7710, 73.4450, 29.1010**, and **57.7820, 93.2480, 50.1760** is the 20% darker color. If you saturate the color by 10%, you get **105.9550, 111.6340, 47.3620**, and if you desaturate by 10%, it is **139.1470, 84.3100, 35.9420**.

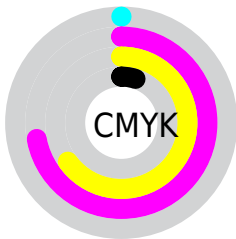
Distribution



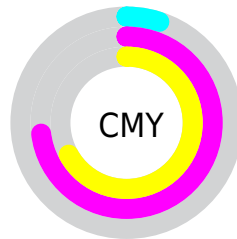
- Red (95%)
- Green (27%)
- Blue (33%)



- Red (95%)
- Yellow (27%)
- Blue (33%)



- Cyan (0%)
- Magenta (72%)
- Yellow (65%)
- Black (5%)





- Cyan (5%)
- Magenta (73%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 122.5510, 97.9720, 41.6520 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 122.5510, 97.9720, 41.6520 by changing the saturation by 10% instead.


 122.5510, 97.9720,
41.6520


 122.5510, 97.9720,
41.6520


255.0000, -0.0000,
-0.0000


 89.2290, 96.1830,
46.5430


 166.7710, 73.4450,
29.1010


 58.0810, 93.8440,
50.3880


 186.7580, 57.1240,
22.0200


 46.2330, 81.1920,
37.3840


 206.8590, 40.4820,
15.2500

 34.6840, 69.1360,
24.5920

 227.6610, 23.2440,
8.2680

 25.5290, 50.3390,
18.3310

 247.8760, 6.2810,
1.8090

 16.9720, 32.7340,
12.4940

 4.1860, 8.3440,

2.9680

■ 0.0000, 0.0000,
0.0000

■ 122.5510, 97.9720,
41.6520

■ 122.5510, 97.9720,
41.6520

■ 105.9550,
111.6340, 47.3620

■ 139.1470, 84.3100,
35.9420

■ 89.3590, 125.2960,
53.0720


■ 155.7430, 70.6480,
30.2320


■ 74.9800, 136.8490,
58.4570


■ 172.9260, 56.7110,
23.9990

■ 189.5220, 43.0490,
18.2890

■ 206.1180, 29.3870,
12.5790

 222.7140, 15.7250,
6.8690

 239.3100, 2.0630,
1.1590

 251.1130, -7.7480,
-2.7560

Harmonies

Analogous

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



124.1400, 78.1610, 64.7930



122.5510, 97.9720, 41.6520



125.9060, 93.8530, 0.6450

Triad

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



122.5510, 97.9720, 41.6520



97.7280, -60.2340, -64.7940



114.1850, -121.7300, 3.4700

Complementary

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



122.5510, 97.9720, 41.6520



188.4490, -97.9720, -41.6520

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.



119.7640, -119.5270, -8.9270



122.5510, 97.9720, 41.6520



108.3010, -83.1160, -46.5720

Square

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



122.5510, 97.9720, 41.6520



118.8910, 26.0060, -52.8260



116.2980, -104.2560, -26.8800



131.5090, -51.2200, 36.2040

Rectangle

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



122.5510, 97.9720, 41.6520



126.0650, 79.3230, -22.3810



116.2980, -104.2560, -26.8800



117.1200, -123.1050, 0.8550

Sweetspot

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



122.5510, 97.9720, 41.6520



217.7160, 30.5790, 13.0030



135.3660, 37.4430, 86.8750



105.9100, 18.1090, 7.7170



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.



122.5510, 97.9720, 41.6520



103.7610, 124.1040, 52.6480



161.2300, 84.1330, 0.5890



111.7020, 6.8310, 2.8550



56.9540, 104.2070, 44.2950



17.3140, 31.7710, 13.4270

Inverse Universe

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



122.5510, 97.9720, 41.6520



103.7610, 124.1040, 52.6480



149.7700, -84.1330, -0.5890



111.7020, 6.8310, 2.8550



56.9540, 104.2070, 44.2950



17.3140, 31.7710, 13.4270

Previews

White Background



This preview shows how the YIQ color 122.5510, 97.9720, 41.6520 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 122.5510, 97.9720, 41.6520 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 122.5510, 97.9720, 41.6520

Background



This preview shows how black text looks on a background with the YIQ color 122.5510, 97.9720, 41.6520.



This preview shows how white text looks on a background with the YIQ color 122.5510, 97.9720,

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

122.5510, 97.9720, 41.6520

Protanopia

133.8840, 11.8300, -5.1460

Deuteranopia

132.8360, 38.1480, -8.5400



Tritanopia

122.4710, 100.9530, 37.1850

Trichromacy



Original Color

122.5510, 97.9720, 41.6520

Protanomaly

129.4200, 43.0960, 11.9280

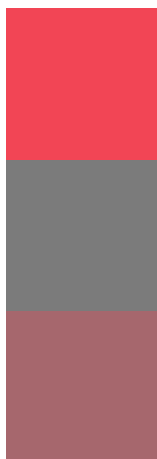
Deuteranomaly

129.2230, 59.6480, 9.3120

Tritanomaly

122.3400, 99.9440, 38.9520

Monochromacy



Original Color

122.5510, 97.9720, 41.6520

Achromatopsia

123.0000, -0.0000, -0.0000

Achromatomaly

122.5210, 35.6220, 15.2220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 122.5510, 97.9720, 41.6520 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(242, 69, 85)` looks like.

```
.text, #text, p{  
    color:rgb(242, 69, 85)  
}
```

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(242, 69, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 69, 85) }
```

Border

The CSS property to change the border of an element to YIQ 122.5510, 97.9720, 41.6520 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(242, 69, 85) }
```


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

```
.border{ border-color:rgb(242, 69, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 69, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 69, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 69, 85);  
box-shadow:4px 4px 4px 4px rgb(242, 69,  
85) }
```

Background

The CSS property to change the background color of an element to YIQ 122.5510, 97.9720, 41.6520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 69, 85) }
```

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

```
.background{ background-color: rgb(242, 69,  
85) }
```

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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