

Converting Colors

YIQ(151.7020, 77.8930, 25.5810)

Have a look what the booklet for
YIQ(151.7020, 77.8930, 25.5810)
contains.

YIQ(151.7020, 77.8930, 25.5810)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(151.7020, 77.8930,
25.5810)**

Conversions

Conversions Part 1

Format	Color
Hex	F2726D
RGB	242, 114, 109
RGB Percent	95%, 45%, 43%
CMY	0.0507, 0.5531, 0.5722
CMYK	0.00, 0.53, 0.55, 0.05
HSL	2°, 84%, 69%
HSV	2°, 55%, 95%
XYZ	45.4202, 32.0192, 18.2770
YIQ	151.7020, 77.8930, 25.5810

Conversions

Conversions Part 2

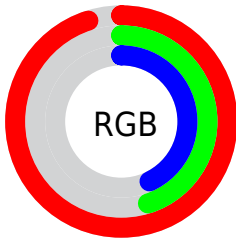
Format	Color
R _Y B	242, 114, 109
Decimal	15889005
CIE Lab	63.36, 48.84, 26.50
CIE LCh	63, 55.569, 28.481
Yxy	32.0192, 0.4745, 0.3345
Android (android.graphics.Color)	4294079085 (0xFFFF2726D)
YUV	151.7020, -21.0521, 79.1913
Hunter-Lab	56.5855, 44.2543, 20.4594

Details

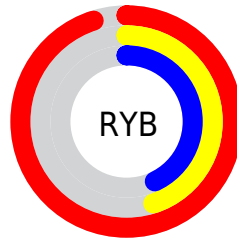
The YIQ color **151.7020, 77.8930, 25.5810** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **199.2980, -77.8930, -25.5810**, and the grayscale version is **152.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **193.8020, 53.8240, 15.7440**, and **96.2930, 71.7950, 25.9630** is the 20% darker color. If you saturate the color by 10%, you get **135.4650, 91.9220, 30.1460**, and if you desaturate by 10%, it is **167.9390, 63.8640, 21.0160**.

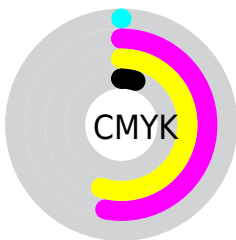
Distribution



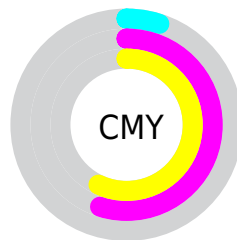
- Red (95%)
- Green (45%)
- Blue (43%)



- Red (95%)
- Yellow (45%)
- Blue (43%)



- Cyan (0%)
- Magenta (53%)
- Yellow (55%)
- Black (5%)





- Cyan (5%)
- Magenta (55%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 151.7020, 77.8930, 25.5810 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 151.7020, 77.8930, 25.5810 by changing the saturation by 10% instead.


 151.7020, 77.8930,
25.5810


 151.7020, 77.8930,
25.5810


255.0000, -0.0000,
-0.0000


 123.8480, 74.5460,
25.6660


 193.8020, 53.8240,
15.7440

 96.2930, 71.7950,
25.9630

 213.3160, 37.4570,
9.4970


 67.9060, 68.6310,
28.2390


 233.4170, 20.8150,
2.7270

 38.3450, 66.0170,
31.5610

 253.7460, 3.5310,
-3.4210

 27.5080, 54.8320,
19.5040

 19.2500, 37.8230,
13.8790

 10.2800, 19.9430,

7.5190

■ 0.0000, 0.0000,
0.0000

■ 151.7020, 77.8930,
25.5810

■ 151.7020, 77.8930,
25.5810

■ 135.4650, 91.9220,
30.1460

■ 167.9390, 63.8640,
21.0160

■ 118.6410,
106.2260, 35.2340

■ 184.7630, 49.5600,
15.9280

■ 102.2900,
120.5760, 39.4880

■ 201.1140, 35.2100,
11.6740

■ 86.0530, 134.6050,
44.0530

■ 217.3510, 21.1810,
7.1090

■ 77.6410, 141.7570,
46.5970

■ 234.1750, 6.8770,
2.0210

250.4120, -7.1520,
-2.5440

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.



154.0540, 62.9430, 43.2230



151.7020, 77.8930, 25.5810



150.5430, 72.9460, -0.4140

Triad

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



151.7020, 77.8930, 25.5810



132.2720, -40.6140, -45.9100



122.6480, -124.8920, -5.3080

Complementary

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



151.7020, 77.8930, 25.5810



199.2980, -77.8930, -25.5810

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.



127.9820, -123.3770, -16.2490



151.7020, 77.8930, 25.5810



120.8850, -96.5040, -46.2320

Square

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



151.7020, 77.8930, 25.5810



142.9890, 14.5870, -38.6050



126.5850, -112.5540, -30.6820



155.0910, -26.7360, 33.0080

Rectangle

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



151.7020, 77.8930, 25.5810



149.3590, 61.1200, -17.3760



126.5850, -112.5540, -30.6820



124.7680, -125.3500, -8.0220

Sweetspot

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



151.7020, 77.8930, 25.5810



227.4330, 23.8860, 7.6460



163.4730, 37.8590, 68.3150



111.0620, 14.6250, 4.7770



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.



151.7020, 77.8930, 25.5810



140.7540, 98.4780, 32.4780



190.4440, 59.7430, -8.9370



111.5880, 7.1520, 2.5440



59.1250, 107.7390, 35.3470



17.9180, 32.8260, 10.8260

Inverse Universe

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



199.2980, -77.8930, -25.5810



201.2460, -98.4780, -32.4780



160.5560, -59.7430, 8.9370



115.8250, -6.8770, -2.0210



124.8750, -107.7390, -35.3470



38.0820, -32.8260, -10.8260

Previews

White Background



This preview shows how the YIQ color 151.7020, 77.8930, 25.5810 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 151.7020, 77.8930, 25.5810 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 ✓ Pass

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

YIQ 151.7020, 77.8930, 25.5810

Background



This preview shows how black text looks on a background with the YIQ color 151.7020, 77.8930, 25.5810.



This preview shows how white text looks on a background with the YIQ color 151.7020, 77.8930,

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

151.7020, 77.8930, 25.5810

Protanopia

153.0260, 14.3060, -5.9660

Deuteranopia

153.0470, 36.1760, -5.8400



Tritanopia

152.0810, 75.5080, 30.2600

Trichromacy



Original Color

151.7020, 77.8930, 25.5810

Protanomaly

152.6810, 37.6870, 5.3270

Deuteranomaly

152.5100, 51.3500, 5.5100

Tritanomaly

152.2120, 76.5170, 28.4930

Monochromacy



Original Color

151.7020, 77.8930, 25.5810

Achromatopsia

152.0000, -0.0000, -0.0000

Achromatomaly

151.8250, 28.6540, 9.3420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 151.7020, 77.8930, 25.5810 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, 114, 109)` looks like.

```
.text, #text, p{  
    color:rgb(242, 114, 109)  
}
```

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, 114, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 114, 109) }
```

Border

The CSS property to change the border of an element to YIQ 151.7020, 77.8930, 25.5810 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, 114, 109) }
```


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

```
.border{ border-color:rgb(242, 114, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 114, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 114, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 114, 109);  
box-shadow:4px 4px 4px 4px rgb(242, 114,  
109) }
```

Background

The CSS property to change the background color of an element to YIQ 151.7020, 77.8930, 25.5810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 114, 109) }
```

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

```
.background{ background-color: rgb(242,  
114, 109) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor