

Converting Colors

YIQ(153.3720, 87.7500, 28.6620)

Have a look what the booklet for
YIQ(153.3720, 87.7500, 28.6620)
contains.

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Color

**YIQ(153.3720, 87.7500,
28.6620)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6F69
RGB	255, 111, 105
RGB Percent	100%, 44%, 41%
CMY	0.0000, 0.5649, 0.5879
CMYK	0.00, 0.56, 0.59, 0.00
HSL	2°, 100%, 71%
HSV	2°, 59%, 100%
XYZ	49.4723, 33.6374, 17.2741
YIQ	153.3720, 87.7500, 28.6620

Conversions

Conversions Part 2

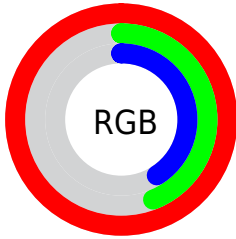
Format	Color
R _Y B	255, 111, 105
Decimal	16740201
CIE Lab	64.67, 54.47, 30.82
CIE LCh	65, 62.587, 29.504
Yxy	33.6374, 0.4928, 0.3351
Android (android.graphics.Color)	4294930281 (0xFFFF6F69)
YUV	153.3720, -23.8474, 89.1278
Hunter-Lab	57.9978, 50.7648, 22.9395

Details

The YIQ color **153.3720, 87.7500, 28.6620** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **206.6280, -87.7500, -28.6620**, and the grayscale version is **154.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **192.0580, 55.9790, 15.2350**, and **96.6040, 81.2850, 30.1890** is the 20% darker color. If you saturate the color by 10%, you get **135.8470, 102.6500, 33.9620**, and if you desaturate by 10%, it is **170.4240, 72.8040, 24.1960**.

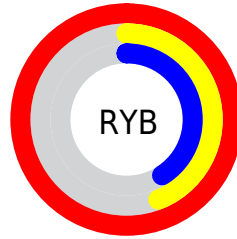
Distribution



Red (100%)

Green (44%)

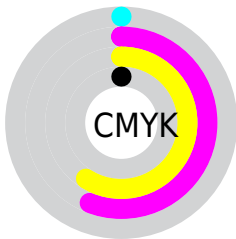
Blue (41%)



Red (100%)

Yellow (44%)

Blue (41%)

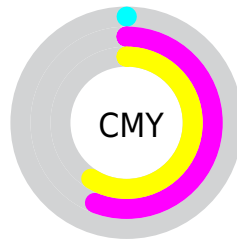


Cyan (0%)

Magenta (56%)

Yellow (59%)

Black (0%)



Cyan (0%)


Magenta (56%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 153.3720, 87.7500, 28.6620 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 153.3720, 87.7500, 28.6620 by changing the saturation by 10% instead.


 153.3720, 87.7500,
28.6620


 153.3720, 87.7500,
28.6620


255.0000, -0.0000,
-0.0000


 124.9310, 84.6780,
29.2700


 192.0580, 55.9790,
15.2350


 96.6040, 81.2850,
30.1890


 211.5720, 39.6120,
8.9880


 64.8690, 79.2210,
34.5570

 231.7870, 22.6490,
2.5290

 40.9930, 72.9400,
32.7480

 252.0020, 5.6860,
-3.9300

 30.4980, 60.7920,
21.6240

 21.6420, 42.5910,
15.5750

 13.2700, 25.9030,

9.6390

■ 0.0000, 0.0000,
0.0000

■ 153.3720, 87.7500,
28.6620

■ 153.3720, 87.7500,
28.6620

■ 135.8470,
102.6500, 33.9620

■ 170.4240, 72.8040,
24.1960

■ 118.7950,
117.5960, 38.4280

■ 187.9490, 57.9040,
18.8960

■ 101.2700,
132.4960, 43.7280

■ 205.0010, 42.9580,
14.4300

■ 84.2180, 147.4420,
48.1940

■ 222.5260, 28.0580,
9.1300

■ 82.1150, 149.2300,
48.8300

■ 239.5780, 13.1120,
4.6640

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



155.5330, 72.0200, 49.4280



153.3720, 87.7500, 28.6620



152.9800, 81.8410, -1.9270

Triad

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



153.3720, 87.7500, 28.6620



128.9880, -54.7340, -54.3340



125.3380, -126.9550, -6.4670

Complementary

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



153.3720, 87.7500, 28.6620



206.6280, -87.7500, -28.6620

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.



132.7410, -129.8880, -13.8880



153.3720, 87.7500, 28.6620



124.9770, -99.7590, -47.8150

Square

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



153.3720, 87.7500, 28.6620



144.6590, 15.2760, -45.5880



131.3610, -117.7350, -30.3990



158.7690, -28.5250, 37.8990

Rectangle

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



153.3720, 87.7500, 28.6620



150.9050, 68.0900, -22.5500



131.3610, -117.7350, -30.3990



128.2730, -128.3300, -9.0820

Sweetspot

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



153.3720, 87.7500, 28.6620



223.9280, 26.8660, 8.7060



166.3800, 42.8550, 76.8950



108.8450, 16.7340, 5.1020



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.



153.3720, 87.7500, 28.6620



132.2280, 105.9510, 34.7110



196.8100, 67.4000, -10.0400



118.8870, 7.7480, 2.7560



61.2180, 111.9110, 36.8310



20.3100, 37.5940, 12.5220

Inverse Universe

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



206.6280, -87.7500, -28.6620



196.7720, -105.9510, -34.7110



163.1900, -67.4000, 10.0400



123.5260, -7.4730, -2.2330



129.7820, -111.9110, -36.8310



43.1030, -37.3190, -11.9990

Previews

White Background



This preview shows how the YIQ color 153.3720, 87.7500, 28.6620 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 153.3720, 87.7500, 28.6620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

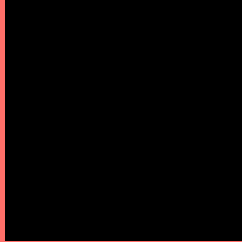
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 153.3720, 87.7500, 28.6620

Background



This preview shows how black text looks on a background with the YIQ color 153.3720, 87.7500, 28.6620.



This preview shows how white text looks on a background with the YIQ color 153.3720, 87.7500,

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

153.3720, 87.7500, 28.6620

Protanopia

156.3420, 16.2320, -7.8320

Deuteranopia

156.0320, 40.5320, -7.6920



Tritanopia

154.1530, 84.1730, 32.9170

Trichromacy



Original Color

153.3720, 87.7500, 28.6620

Protanomaly

155.1330, 42.2260, 5.6660

Deuteranomaly

155.3320, 57.7230, 5.6510

Tritanomaly

153.6970, 85.4570, 31.6730

Monochromacy



Original Color

153.3720, 87.7500, 28.6620

Achromatopsia

153.0000, 0.0000, -0.0000

Achromatomaly

153.3200, 31.6340, 10.4020

CSS Examples

Text

The CSS property to change the color of the text to YIQ 153.3720, 87.7500, 28.6620 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(255, 111, 105)` looks like.

```
.text, #text, p{  
    color:rgb(255, 111, 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(255, 111, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 111, 105) }
```

Border

The CSS property to change the border of an element to YIQ 153.3720, 87.7500, 28.6620 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(255, 111, 105) }
```


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

```
.border{ border-color:rgb(255, 111, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 111, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 111, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 111, 105);  
box-shadow:4px 4px 4px 4px rgb(255, 111,  
105) }
```

Background

The CSS property to change the background color of an element to YIQ 153.3720, 87.7500, 28.6620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 111, 105) }
```

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

```
.background{ background-color: rgb(255,  
111, 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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