

Converting Colors

YIQ(159.3700, 72.8960, 22.5280)

Have a look what the booklet for
YIQ(159.3700, 72.8960, 22.5280)
contains.

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Color

**YIQ(159.3700, 72.8960,
22.5280)**

Conversions

Conversions Part 1

Format	Color
Hex	F37D75
RGB	243, 125, 117
RGB Percent	95%, 49%, 46%
CMY	0.0468, 0.5100, 0.5409
CMYK	0.00, 0.49, 0.52, 0.05
HSL	4°, 84%, 71%
HSV	4°, 52%, 95%
XYZ	47.5291, 35.0080, 21.1050
YIQ	159.3700, 72.8960, 22.5280

Conversions

Conversions Part 2

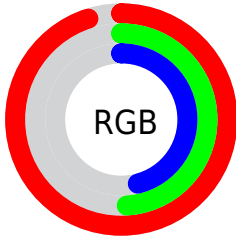
Format	Color
R_{YB}	243, 126, 117
Decimal	15957365
CIE _{Lab}	65.75, 44.47, 25.21
CIE _{LCh}	66, 51.123, 29.548
Yxy	35.0080, 0.4586, 0.3378
Android (android.graphics.Color)	4294147445 (0xFFFF37D75)
YUV	159.3700, -20.8884, 73.3435
Hunter-Lab	59.1676, 39.8452, 20.2686

Details

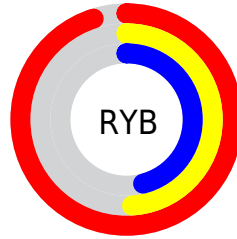
The YIQ color **159.3700, 72.8960, 22.5280** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **200.6300, -72.8960, -22.5280**, and the grayscale version is **160.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **201.1710, 48.2310, 12.4790**, and **104.5480, 66.5230, 22.3870** is the 20% darker color. If you saturate the color by 10%, you get **143.1330, 86.9250, 27.0930**, and if you desaturate by 10%, it is **175.6070, 58.8670, 17.9630**.

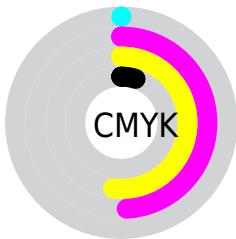
Distribution



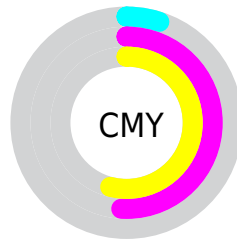
- Red (95%)
- Green (49%)
- Blue (46%)



- Red (95%)
- Yellow (49%)
- Blue (46%)



- Cyan (0%)
- Magenta (49%)
- Yellow (52%)
- Black (5%)



- Cyan (5%)
- Magenta (51%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 159.3700, 72.8960, 22.5280 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 159.3700, 72.8960, 22.5280 by changing the saturation by 10% instead.

159.3700, 72.8960,
22.5280

159.3700, 72.8960,
22.5280

255.0000, -0.0000,
-0.0000

131.7010, 70.4660,
22.5140

201.1710, 48.2310,
12.4790

104.5480, 66.5230,
22.3870

220.6850, 31.8640,
6.2320

77.9930, 63.7720,
22.6840

240.9000, 14.9010,
-0.2270

48.7310, 61.7540,
26.2180

254.7720, 0.6420,
-0.6220

28.4050, 56.6200,
20.1400

20.0330, 39.9320,
14.2040

11.7750, 22.9230,

8.5790

■ 0.0000, 0.0000,
0.0000

■ 159.3700, 72.8960,
22.5280

■ 159.3700, 72.8960,
22.5280

■ 143.1330, 86.9250,
27.0930

■ 175.6070, 58.8670,
17.9630

■ 126.7820,
101.2750, 31.3470

■ 191.9580, 44.5170,
13.7090

■ 111.1320,
115.0290, 35.3890

■ 207.6080, 30.7630,
9.6670

■ 94.8950, 129.0580,
39.9540

■ 223.8450, 16.7340,
5.1020

■ 81.4620, 140.7030,
43.6710

■ 240.1960, 2.3840,
0.8480

251.4120, -7.1520,
-2.5440

Harmonies

Analogous

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



161.2660, 59.2300, 38.9260



159.3700, 72.8960, 22.5280



158.0910, 68.4070, -0.7530

Triad

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



159.3700, 72.8960, 22.5280



141.6470, -37.1760, -42.1360



145.5020, -86.0140, 5.9700

Complementary

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



159.3700, 72.8960, 22.5280



200.6300, -72.8960, -22.5280

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.



130.4440, -124.7980, -18.0300



159.3700, 72.8960, 22.5280



125.4330, -101.0430, -46.5710

Square

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



159.3700, 72.8960, 22.5280



150.3140, 12.2940, -35.5940



130.0900, -115.5340, -31.7420



162.3750, -21.7840, 31.3680

Rectangle

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



159.3700, 72.8960, 22.5280



156.6620, 55.8930, -16.2590



130.0900, -115.5340, -31.7420



127.7030, -126.7250, -10.6370

Sweetspot

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



159.3700, 72.8960, 22.5280



228.0200, 23.6110, 7.1230



168.3540, 36.5760, 64.0320



111.6490, 14.3500, 4.2540



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.



159.3700, 72.8960, 22.5280



150.1120, 91.4180, 28.2660



195.1770, 56.1210, -9.3750



114.1750, 6.8770, 2.0210



62.6580, 107.5560, 33.1560



19.9890, 34.0640, 10.4160

Inverse Universe

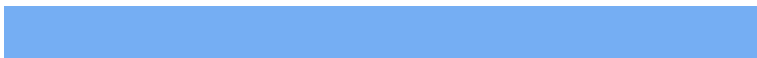
The Inverse Universe completely reimagines the original color for something new.



200.6300, -72.8960, -22.5280



201.8880, -91.4180, -28.2660



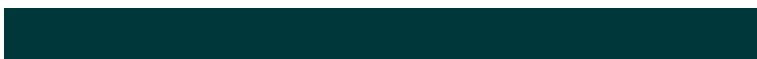
164.8230, -56.1210, 9.3750



118.4120, -7.1520, -2.5440



123.9290, -107.8310, -33.6790



39.0110, -34.0640, -10.4160

Previews

White Background



This preview shows how the YIQ color 159.3700, 72.8960, 22.5280 looks on a white background.

Color Contrast Check

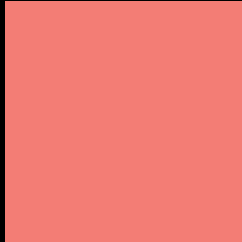
Large Text (above 18pt) WCAG AA × Fail

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 159.3700, 72.8960, 22.5280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

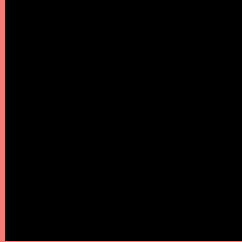
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 159.3700, 72.8960, 22.5280

Background



This preview shows how black text looks on a background with the YIQ color 159.3700, 72.8960, 22.5280.



This preview shows how white text looks on a background with the YIQ color 159.3700, 72.8960,

22.5280.

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

159.3700, 72.8960, 22.5280

Protanopia

159.6130, 14.0310, -6.4890

Deuteranopia

159.6880, 35.8090, -4.6950



Tritanopia

160.0910, 69.5480, 28.1400

Trichromacy



Original Color

159.3700, 72.8960, 22.5280

Protanomaly

159.3710, 35.6240, 4.1680

Deuteranomaly

159.7270, 49.2410, 5.1850

Tritanomaly

160.1080, 70.8780, 26.0620

Monochromacy



Original Color

159.3700, 72.8960, 22.5280

Achromatopsia

159.0000, -0.0000, 0.0000

Achromatomaly

159.5150, 26.5910, 8.1830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 159.3700, 72.8960, 22.5280 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(243, 125, 117)` looks like.

```
.text, #text, p{  
    color:rgb(243, 125, 117)  
}
```

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(243, 125, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 125, 117) }
```

Border

The CSS property to change the border of an element to YIQ 159.3700, 72.8960, 22.5280 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(243, 125, 117) }
```


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

```
.border{ border-color:rgb(243, 125, 117) }
```

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

Here you see how a box with a 4 pixel rgb(243, 125, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 125, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 125, 117);  
box-shadow:4px 4px 4px 4px rgb(243, 125,  
117) }
```

Background

The CSS property to change the background color of an element to YIQ 159.3700, 72.8960, 22.5280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 125, 117) }
```

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

```
.background{ background-color: rgb(243,  
125, 117) }
```

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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