

Converting Colors

YIQ(153.2210, 72.2980, 33.3700)

Have a look what the booklet for
YIQ(153.2210, 72.2980, 33.3700)
contains.

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Color

**YIQ(153.2210, 72.2980,
33.3700)**

Conversions

Conversions Part 1

Format	Color
Hex	F37082
RGB	243, 112, 130
RGB Percent	95%, 44%, 51%
CMY	0.0467, 0.5610, 0.4899
CMYK	0.00, 0.54, 0.46, 0.05
HSL	352°, 85%, 70%
HSV	352°, 54%, 95%
XYZ	46.8126, 32.2591, 24.9029
YIQ	153.2210, 72.2980, 33.3700

Conversions

Conversions Part 2

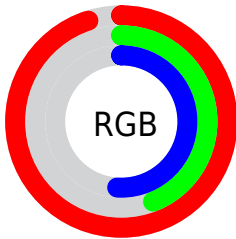
Format	Color
R_{YB}	243, 112, 130
Decimal	15954050
CIE Lab	63.56, 51.95, 14.86
CIE LCh	64, 54.029, 15.961
Yxy	32.2591, 0.4502, 0.3103
Android (android.graphics.Color)	4294144130 (0xFFFF37082)
YUV	153.2210, -11.4480, 78.7362
Hunter-Lab	56.7971, 47.7261, 13.7620

Details

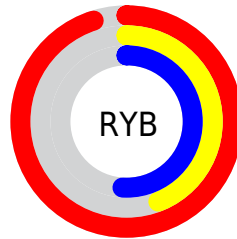
The YIQ color **153.2210, 72.2980, 33.3700** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **201.7790, -72.2980, -33.3700**, and the grayscale version is **153.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **195.1360, 47.3120, 23.6320**, and **97.1110, 66.7960, 33.9640** is the 20% darker color. If you saturate the color by 10%, you get **136.7390, 85.6390, 39.3910**, and if you desaturate by 10%, it is **169.7030, 58.9570, 27.3490**.

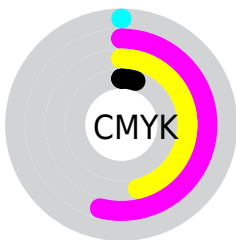
Distribution



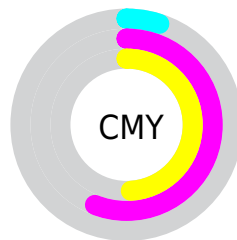
- Red (95%)
- Green (44%)
- Blue (51%)



- Red (95%)
- Yellow (44%)
- Blue (51%)



- Cyan (0%)
- Magenta (54%)
- Yellow (46%)
- Black (5%)





- Cyan (5%)
- Magenta (56%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 153.2210, 72.2980, 33.3700 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 153.2210, 72.2980, 33.3700 by changing the saturation by 10% instead.


 153.2210, 72.2980,
33.3700


 153.2210, 72.2980,
33.3700


255.0000, -0.0000,
-0.0000


 125.5520, 69.8680,
33.3560


 195.1360, 47.3120,
23.6320

 97.1110, 66.7960,
33.9640


 215.2370, 30.6700,
16.8620


 67.6210, 65.4200,
36.8760

 234.9790, 13.6610,
11.2370

 41.2940, 62.0270,
37.7950

254.4130, 0.2750,
0.5230

 30.2290, 51.4840,
25.1160

 20.1470, 39.6110,
14.5150

 11.4760, 22.3270,

8.3670

■ 0.0000, 0.0000,
0.0000

■ 153.2210, 72.2980,
33.3700

■ 153.2210, 72.2980,
33.3700

■ 136.7390, 85.6390,
39.3910

■ 169.7030, 58.9570,
27.3490

■ 119.6700, 99.2550,
45.9350

■ 186.7720, 45.3410,
20.8050

■ 103.1880,
112.5960, 51.9560

■ 203.2540, 32.0000,
14.7840

■ 86.7060, 125.9370,
57.9770

■ 219.7360, 18.6590,
8.7630

■ 76.5330, 133.9140,
62.0900

■ 236.2180, 5.3180,
2.7420

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.



156.3930, 48.8670, 45.0190



153.2210, 72.2980, 33.3700



152.3620, 75.3740, 10.6540

Triad

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



153.2210, 72.2980, 33.3700



139.5650, -13.5180, -41.3740



125.6000, -124.9370, -10.0010

Complementary

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



153.2210, 72.2980, 33.3700



201.7790, -72.2980, -33.3700

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.



128.0330, -119.3870, -22.4830



153.2210, 72.2980, 33.3700



118.0180, -89.8090, -51.9290

Square

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



153.2210, 72.2980, 33.3700



146.2470, 31.5960, -32.9800



124.8920, -106.4090, -37.4250



150.8920, -51.4010, 22.9590

Rectangle

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



153.2210, 72.2980, 33.3700



151.2170, 67.8120, -6.4920



124.8920, -106.4090, -37.4250



126.6770, -123.8360, -13.4360

Sweetspot

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



153.2210, 72.2980, 33.3700



226.9430, 22.5100, 10.5580



160.1230, 24.1050, 64.2730



110.9310, 13.6160, 6.5440



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.



153.2210, 72.2980, 33.3700



141.2560, 91.5530, 42.3450



178.1710, 65.4260, 3.7140



113.8160, 6.5100, 3.1660



58.5780, 102.5100, 47.5180



18.5530, 32.5960, 14.9960

Inverse Universe

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



153.2210, 72.2980, 33.3700



141.2560, 91.5530, 42.3450



176.8290, -65.4260, -3.7140



113.8160, 6.5100, 3.1660



58.5780, 102.5100, 47.5180



18.5530, 32.5960, 14.9960

Previews

White Background



This preview shows how the YIQ color 153.2210, 72.2980, 33.3700 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 153.2210, 72.2980, 33.3700 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 153.2210, 72.2980, 33.3700

Background



This preview shows how black text looks on a background with the YIQ color 153.2210, 72.2980, 33.3700.



This preview shows how white text looks on a background with the YIQ color 153.2210, 72.2980,

33.3700.

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

153.2210, 72.2980, 33.3700

Protanopia

154.9680, 3.0260, 0.2260

Deuteranopia

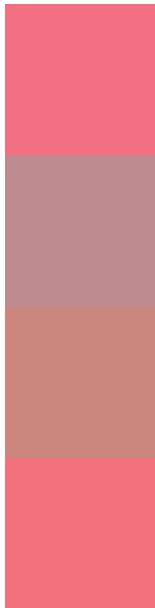
154.8320, 26.7760, -0.6800



Tritanopia

152.4830, 74.3160, 29.8360

Trichromacy



Original Color

153.2210, 72.2980, 33.3700

Protanomaly

154.5200, 28.1950, 12.1550

Deuteranomaly

154.3060, 43.4170, 11.6170

Tritanomaly

152.8250, 73.3530, 30.7690

Monochromacy



Original Color

153.2210, 72.2980, 33.3700

Achromatopsia

153.0000, 0.0000, -0.0000

Achromatomaly

153.1500, 26.3610, 12.3530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 153.2210, 72.2980, 33.3700 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, 112, 130)` looks like.

```
.text, #text, p{  
    color:rgb(243, 112, 130)  
}
```

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, 112, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 112, 130) }
```

Border

The CSS property to change the border of an element to YIQ 153.2210, 72.2980, 33.3700 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, 112, 130) }
```


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

```
.border{ border-color:rgb(243, 112, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 112, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 112, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 112, 130);  
box-shadow:4px 4px 4px 4px rgb(243, 112,  
130) }
```

Background

The CSS property to change the background color of an element to YIQ 153.2210, 72.2980, 33.3700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 112, 130) }
```

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

```
.background{ background-color: rgb(243,  
112, 130) }
```

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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