

Converting Colors

YIQ(153.4270, 68.7220, 32.0980)

Have a look what the booklet for
YIQ(153.4270, 68.7220, 32.0980)
contains.

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Color

**YIQ(153.4270, 68.7220,
32.0980)**

Conversions

Conversions Part 1

Format	Color
Hex	EF7284
RGB	239, 114, 132
RGB Percent	94%, 45%, 52%
CMY	0.0624, 0.5531, 0.4821
CMYK	0.00, 0.52, 0.45, 0.06
HSL	351°, 80%, 69%
HSV	351°, 52%, 94%
XYZ	45.8040, 32.0550, 25.6266
YIQ	153.4270, 68.7220, 32.0980

Conversions

Conversions Part 2

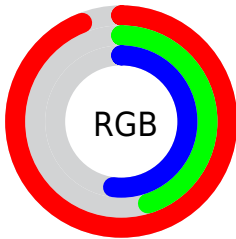
Format	Color
RYB	239, 114, 132
Decimal	15692420
CIELab	63.39, 49.81, 13.39
CIELCh	63, 51.583, 15.049
Yxy	32.0550, 0.4426, 0.3098
Android (android.graphics.Color)	4293882500 (0xFFEF7284)
YUV	153.4270, -10.5635, 75.0475
Hunter-Lab	56.6171, 45.3288, 12.7956

Details

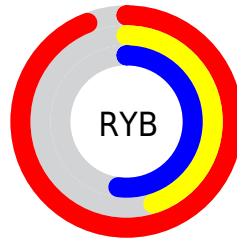
The YIQ color **153.4270, 68.7220, 32.0980** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **199.5730, -68.7220, -32.0980**, and the grayscale version is **153.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **196.5380, 46.1200, 23.2080**, and **98.2030, 63.5410, 32.3810** is the 20% darker color. If you saturate the color by 10%, you get **137.0590, 81.7420, 38.4300**, and if you desaturate by 10%, it is **169.9090, 55.3810, 26.0770**.

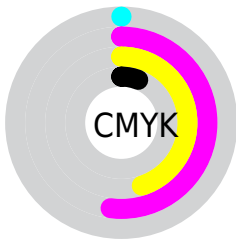
Distribution



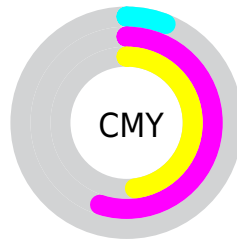
- Red (94%)
- Green (45%)
- Blue (52%)



- Red (94%)
- Yellow (45%)
- Blue (52%)



- Cyan (0%)
- Magenta (52%)
- Yellow (45%)
- Black (6%)





- Cyan (6%)
- Magenta (55%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 153.4270, 68.7220, 32.0980 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 153.4270, 68.7220, 32.0980 by changing the saturation by 10% instead.


 153.4270, 68.7220,
32.0980


 153.4270, 68.7220,
32.0980

255.0000, -0.0000,
-0.0000


 125.7580, 66.2920,
32.0840


 196.5380, 46.1200,
23.2080


 98.2030, 63.5410,
32.3810


 216.1660, 29.4320,
17.2720

 69.3000, 61.8900,
34.7700

 236.3810, 12.4690,
10.8130

 40.5110, 59.9180,
37.4700

 29.5600, 49.0540,
25.1020

 19.5490, 38.4190,
14.0910

 10.5790, 20.5390,

7.7310

■ 0.0000, 0.0000,
0.0000

■ 153.4270, 68.7220,
32.0980

■ 153.4270, 68.7220,
32.0980

■ 137.0590, 81.7420,
38.4300

■ 169.9090, 55.3810,
26.0770

■ 120.5770, 95.0830,
44.4510

■ 186.2770, 42.3610,
19.7450

■ 104.2090,
108.1030, 50.7830

■ 202.6450, 29.3410,
13.4130

■ 87.7270, 121.4440,
56.8040

■ 219.1270, 16.0000,
7.3920

■ 75.4510, 131.2090,
61.5530

■ 234.9080, 3.2550,
1.5830

■ 250.2160, -9.5360,
-3.3920

Harmonies

Analogous

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



156.5450, 45.3830, 42.0790



153.4270, 68.7220, 32.0980



152.3940, 72.3480, 10.4280

Triad

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



153.4270, 68.7220, 32.0980



140.4020, -11.5010, -39.3810



124.4430, -123.0570, -11.0330

Complementary

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



153.4270, 68.7220, 32.0980



199.5730, -68.7220, -32.0980

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.



126.2890, -117.2320, -22.9920



153.4270, 68.7220, 32.0980



117.3170, -89.2130, -51.7170

Square

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



153.4270, 68.7220, 32.0980



146.5290, 30.8620, -30.6900



123.3760, -104.8960, -37.3120



150.3220, -49.7960, 21.4040

Rectangle

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



153.4270, 68.7220, 32.0980



151.0750, 65.3360, -5.6720



123.3760, -104.8960, -37.3120



125.5200, -121.9560, -14.4680

Sweetspot

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



153.4270, 68.7220, 32.0980



226.9430, 22.5100, 10.5580



159.9440, 23.0510, 61.3470



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.



153.4270, 68.7220, 32.0980



144.8750, 88.2520, 41.5960



177.2030, 62.4000, 3.4880



111.8160, 6.5100, 3.1660



58.0940, 100.9970, 47.4050



17.6560, 30.8080, 14.3600

Inverse Universe

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



153.4270, 68.7220, 32.0980



144.8750, 88.2520, 41.5960



175.7970, -62.4000, -3.4880



111.8160, 6.5100, 3.1660



58.0940, 100.9970, 47.4050



17.6560, 30.8080, 14.3600

Previews

White Background



This preview shows how the YIQ color 153.4270, 68.7220, 32.0980 looks on a white background.

Color Contrast Check

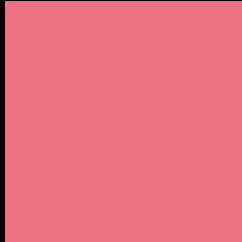
Large Text (above 18pt) WCAG AA × Fail

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 153.4270, 68.7220, 32.0980 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 153.4270, 68.7220, 32.0980

Background



This preview shows how black text looks on a background with the YIQ color 153.4270, 68.7220, 32.0980.



This preview shows how white text looks on a background with the YIQ color 153.4270, 68.7220,

32.0980.

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

153.4270, 68.7220, 32.0980

Protanopia

154.1960, 2.3840, 0.8480

Deuteranopia

154.4620, 24.9420, -0.4820



Tritanopia

152.6890, 70.7400, 28.5640

Trichromacy



Original Color

153.4270, 68.7220, 32.0980

Protanomaly

154.0360, 26.6820, 12.0420

Deuteranomaly

154.2240, 40.7120, 11.0800

Tritanomaly

153.0310, 69.7770, 29.4970

Monochromacy



Original Color

153.4270, 68.7220, 32.0980

Achromatopsia

153.0000, 0.0000, -0.0000

Achromatomaly

153.1390, 24.8940, 11.4060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 153.4270, 68.7220, 32.0980 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(239, 114, 132)` looks like.

```
.text, #text, p{  
    color:rgb(239, 114, 132)  
}
```

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(239, 114, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 114, 132) }
```

Border

The CSS property to change the border of an element to YIQ 153.4270, 68.7220, 32.0980 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(239, 114, 132) }
```


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

```
.border{ border-color:rgb(239, 114, 132) }
```

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

Here you see how a box with a 4 pixel rgb(239, 114, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 114, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 114, 132);  
box-shadow:4px 4px 4px 4px rgb(239, 114,  
132) }
```

Background

The CSS property to change the background color of an element to YIQ 153.4270, 68.7220, 32.0980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 114, 132) }
```

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

```
.background{ background-color: rgb(239,  
114, 132) }
```

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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