

Converting Colors

YIQ(152.8020, 72.1600, 35.8720)

Have a look what the booklet for
YIQ(152.8020, 72.1600, 35.8720)
contains.

YIQ(152.8020, 72.1600, 35.8720)	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(152.8020, 72.1600,
35.8720)**

Conversions

Conversions Part 1

Format	Color
Hex	F46E86
RGB	244, 110, 134
RGB Percent	96%, 43%, 53%
CMY	0.0428, 0.5688, 0.4742
CMYK	0.00, 0.55, 0.45, 0.04
HSL	349°, 86%, 69%
HSV	349°, 55%, 96%
XYZ	47.2155, 32.1112, 26.2888
YIQ	152.8020, 72.1600, 35.8720

Conversions

Conversions Part 2

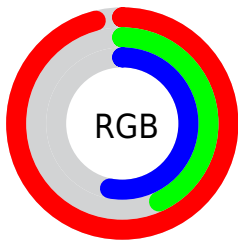
Format	Color
R _Y B	244, 110, 134
Decimal	16019078
CIE Lab	63.43, 53.60, 12.42
CIE LCh	63, 55.020, 13.045
Yxy	32.1112, 0.4471, 0.3040
Android (android.graphics.Color)	4294209158 (0xFFFF46E86)
YUV	152.8020, -9.2694, 79.9806
Hunter-Lab	56.6667, 49.5618, 12.1609

Details

The YIQ color **152.8020, 72.1600, 35.8720** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **201.1980, -72.1600, -35.8720**, and the grayscale version is **153.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **194.4180, 46.5780, 25.9220**, and **96.1050, 66.9330, 36.9890** is the 20% darker color. If you saturate the color by 10%, you get **136.4340, 85.1800, 42.2040**, and if you desaturate by 10%, it is **169.1700, 59.1400, 29.5400**.

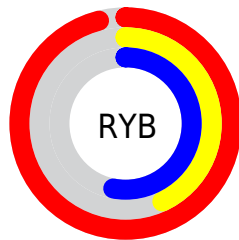
Distribution



Red (96%)

Green (43%)

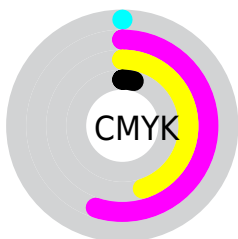
Blue (53%)



Red (96%)

Yellow (43%)

Blue (53%)

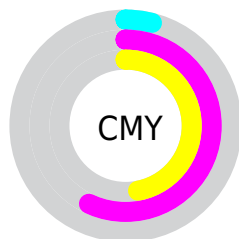


Cyan (0%)

Magenta (55%)

Yellow (45%)

Black (4%)



Cyan (4%)


Magenta (57%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 152.8020, 72.1600, 35.8720 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 152.8020, 72.1600, 35.8720 by changing the saturation by 10% instead.


 152.8020, 72.1600,
35.8720


 152.8020, 72.1600,
35.8720


255.0000, -0.0000,
-0.0000


 125.1330, 69.7300,
35.8580


 194.4180, 46.5780,
25.9220

 96.1050, 66.9330,
36.9890


 214.6330, 29.6150,
19.4630


 65.4410, 66.1070,
40.9470

 234.8480, 12.6520,
13.0040

 41.9350, 61.6600,
38.9400

 253.2390, 0.8250,
1.5690

 30.9840, 50.7960,
26.5720

 20.4460, 40.2070,
14.7270

 11.7750, 22.9230,

8.5790

■ 0.0000, 0.0000,
0.0000

■ 152.8020, 72.1600,
35.8720

■ 152.8020, 72.1600,
35.8720

■ 136.4340, 85.1800,
42.2040

■ 169.1700, 59.1400,
29.5400

■ 119.4790, 98.4750,
49.0590

■ 186.1250, 45.8450,
22.6850

■ 103.1110,
111.4950, 55.3910

■ 202.4930, 32.8250,
16.3530

■ 86.1560, 124.7900,
62.2460

■ 219.4480, 19.5300,
9.4980

■ 77.9720, 131.3000,
65.4120

■ 235.8160, 6.5100,
3.1660

251.5970, -6.2350,
-2.6430

251.7110, -6.5560,
-2.3320

Harmonies

Analogous

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



156.2510, 46.3910, 45.8390



152.8020, 72.1600, 35.8720



151.7260, 77.3450, 13.4810

Triad

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



152.8020, 72.1600, 35.8720



139.7890, -8.3370, -41.6570



126.1870, -125.2120, -10.5240

Complementary

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



152.8020, 72.1600, 35.8720



201.1980, -72.1600, -35.8720

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.



127.6910, -118.4240, -23.4160



152.8020, 72.1600, 35.8720



117.3340, -87.8830, -53.7950

Square

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



152.8020, 72.1600, 35.8720



146.4000, 35.5390, -32.8530



124.3220, -104.8040, -38.9800



148.7060, -59.7450, 19.9910

Rectangle

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



152.8020, 72.1600, 35.8720



150.9400, 70.1500, -4.8100



124.3220, -104.8040, -38.9800



127.1500, -123.7900, -14.2700

Sweetspot

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



152.8020, 72.1600, 35.8720



227.1710, 21.8680, 11.1800



157.8670, 21.9500, 64.7820



111.0450, 13.2950, 6.8550



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.



152.8020, 72.1600, 35.8720



140.6520, 90.4980, 44.9460



174.7200, 68.3140, 6.4420



113.8160, 6.5100, 3.1660



59.3760, 100.2630, 49.6950



18.8950, 31.6330, 15.9290

Inverse Universe

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



152.8020, 72.1600, 35.8720



140.6520, 90.4980, 44.9460



179.2800, -68.3140, -6.4420



113.8160, 6.5100, 3.1660



59.3760, 100.2630, 49.6950



18.8950, 31.6330, 15.9290

Previews

White Background



This preview shows how the YIQ color 152.8020, 72.1600, 35.8720 looks on a white background.

Color Contrast Check

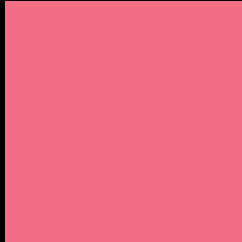
Large Text (above 18pt) WCAG AA × Fail

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 152.8020, 72.1600, 35.8720 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 152.8020, 72.1600, 35.8720

Background



This preview shows how black text looks on a background with the YIQ color 152.8020, 72.1600, 35.8720.



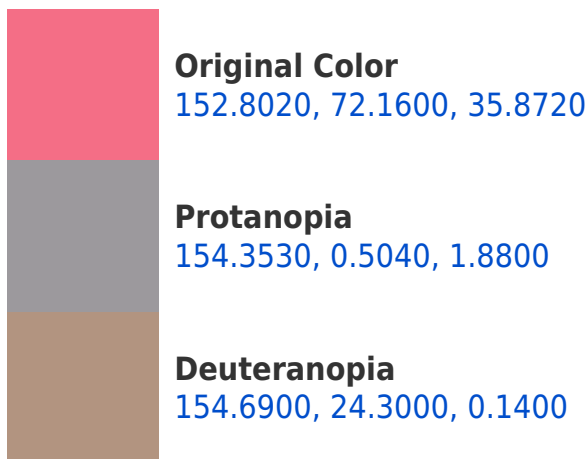
This preview shows how white text looks on a background with the YIQ color 152.8020, 72.1600,

35.8720.

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

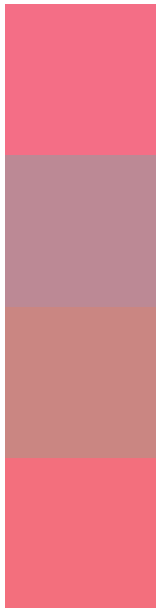




Tritanopia

152.0810, 75.5080, 30.2600

Trichromacy



Original Color

152.8020, 72.1600, 35.8720

Protanomaly

153.6170, 26.5440, 14.5440

Deuteranomaly

153.8760, 41.8120, 13.1720

Tritanomaly

152.0640, 74.1780, 32.3380

Monochromacy



Original Color

152.8020, 72.1600, 35.8720

Achromatopsia

153.0000, 0.0000, -0.0000

Achromatomaly

152.6770, 26.3150, 13.1870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 152.8020, 72.1600, 35.8720 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(244, 110, 134)` looks like.

```
.text, #text, p{  
    color:rgb(244, 110, 134)  
}
```

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(244, 110, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 110, 134) }
```

Border

The CSS property to change the border of an element to YIQ 152.8020, 72.1600, 35.8720 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(244, 110, 134) }
```


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

```
.border{ border-color:rgb(244, 110, 134) }
```

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

Here you see how a box with a 4 pixel rgb(244, 110, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 110, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 110, 134);  
box-shadow:4px 4px 4px 4px rgb(244, 110,  
134) }
```

Background

The CSS property to change the background color of an element to YIQ 152.8020, 72.1600, 35.8720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 110, 134) }
```

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

```
.background{ background-color: rgb(244,  
110, 134) }
```

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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