

Converting Colors

YIQ(152.1240, 47.5860, 29.6820)

Have a look what the booklet for
YIQ(152.1240, 47.5860, 29.6820)
contains.

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Color

**YIQ(152.1240, 47.5860,
29.6820)**

Conversions

Conversions Part 1

Format	Color
Hex	D87896
RGB	216, 120, 150
RGB Percent	85%, 47%, 59%
CMY	0.1527, 0.5295, 0.4116
CMYK	0.00, 0.44, 0.31, 0.15
HSL	341°, 55%, 66%
HSV	341°, 44%, 85%
XYZ	40.5576, 30.2352, 32.5703
YIQ	152.1240, 47.5860, 29.6820

Conversions

Conversions Part 2

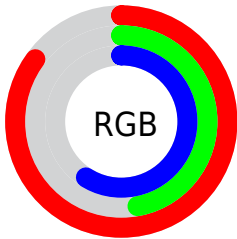
Format	Color
R _Y B	216, 120, 150
Decimal	14186646
CIE Lab	61.86, 40.84, 0.48
CIE LCh	62, 40.841, 0.671
Yxy	30.2352, 0.3924, 0.2925
Android (android.graphics.Color)	4292376726 (0xFFD87896)
YUV	152.1240, -1.0471, 56.0193
Hunter-Lab	54.9865, 35.4337, 3.3711

Details

The YIQ color **152.1240, 47.5860, 29.6820** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **183.8760, -47.5860, -29.6820**, and the grayscale version is **152.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **201.6390, 38.6460, 26.5020**, and **98.7430, 44.2850, 28.9330** is the 20% darker color. If you saturate the color by 10%, you get **137.5000, 58.4510, 36.5230**, and if you desaturate by 10%, it is **166.7480, 36.7210, 22.8410**.

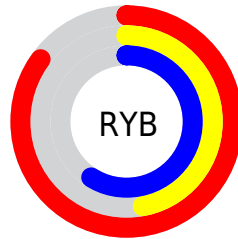
Distribution



Red (85%)

Green (47%)

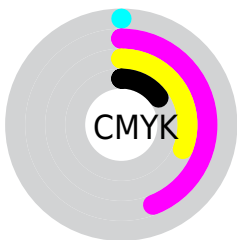
Blue (59%)



Red (85%)

Yellow (47%)

Blue (59%)

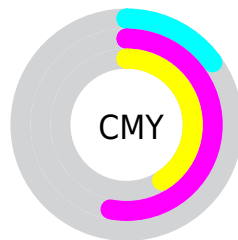


Cyan (0%)

Magenta (44%)

Yellow (31%)

Black (15%)



Cyan (15%)


Magenta (53%)

Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 152.1240, 47.5860, 29.6820 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 152.1240, 47.5860, 29.6820 by changing the saturation by 10% instead.


 152.1240, 47.5860,
29.6820


 152.1240, 47.5860,
29.6820


255.0000, -0.0000,
-0.0000


 125.2270, 45.7980,
29.0460


 201.6390, 38.6460,
26.5020


 98.7430, 44.2850,
28.9330


 221.2670, 21.9580,
20.5660

 73.0740, 41.8550,
28.9190

 240.9120, 6.6000,
12.5520

 44.7690, 41.3960,
31.7320

 26.6710, 35.6200,
26.2760

 16.7590, 29.0200,
13.7240

 4.1860, 8.3440,

2.9680

■ 0.0000, 0.0000,
0.0000

■ 152.1240, 47.5860,
29.6820

■ 152.1240, 47.5860,
29.6820

■ 137.5000, 58.4510,
36.5230

■ 166.7480, 36.7210,
22.8410

■ 123.4630, 69.0410,
42.8410

■ 180.7850, 26.1310,
16.5230

■ 108.9530, 79.5850,
49.9930

■ 195.4090, 15.2660,
9.6820

■ 94.9160, 90.1750,
56.3110

■ 209.3320, 4.9970,
3.0530

■ 80.2920, 101.0400,
63.1520

■ 223.9560, -5.8680,
-3.7880

■ 72.3360, 106.9080,
66.9400

■ 238.5800,
-16.7330, -10.6290

■ 243.2250,
-22.9230, -8.5790

■ 243.3390,
-23.2440, -8.2680

Harmonies

Analogous

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



153.9440, 21.9100, 32.4540



152.1240, 47.5860, 29.6820



150.6670, 58.6380, 16.6060

Triad

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



152.1240, 47.5860, 29.6820



142.5020, 9.1290, -27.7910



119.2620, -112.6020, -18.7940

Complementary

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



152.1240, 47.5860, 29.6820



183.8760, -47.5860, -29.6820

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.



119.1190, -105.3100, -29.8060



152.1240, 47.5860, 29.6820



136.3480, -28.6040, -32.2840

Square

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



152.1240, 47.5860, 29.6820



146.6690, 36.8200, -17.5160



115.9010, -93.4330, -41.3130



142.5130, -58.1840, 8.2160

Rectangle

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



152.1240, 47.5860, 29.6820



149.6200, 56.8520, 4.9160



115.9010, -93.4330, -41.3130



120.1110, -110.8590, -22.8510

Sweetspot

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



152.1240, 47.5860, 29.6820



233.0070, 16.4580, 10.1060



150.6780, 8.5200, 43.8480



113.9630, 10.5900, 6.3180



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.



152.1240, 47.5860, 29.6820



165.1530, 66.9780, 41.6820



159.2700, 52.2660, 10.9380



99.7450, 5.2720, 3.5760



57.1710, 84.9030, 52.7350



14.4530, 21.1340, 13.4700

Inverse Universe

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



152.1240, 47.5860, 29.6820



165.1530, 66.9780, 41.6820



176.7300, -52.2660, -10.9380



99.7450, 5.2720, 3.5760



57.1710, 84.9030, 52.7350



14.4530, 21.1340, 13.4700

Previews

White Background



This preview shows how the YIQ color 152.1240, 47.5860, 29.6820 looks on a white background.

Color Contrast Check

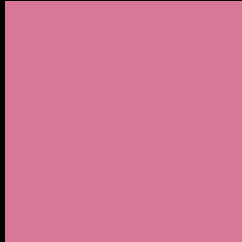
Large Text (above 18pt) WCAG AA × Fail

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 152.1240, 47.5860, 29.6820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

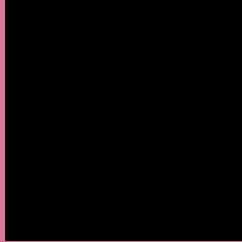
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 152.1240, 47.5860, 29.6820

Background



This preview shows how black text looks on a background with the YIQ color 152.1240, 47.5860, 29.6820.



This preview shows how white text looks on a background with the YIQ color 152.1240, 47.5860,

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

152.1240, 47.5860, 29.6820

Protanopia

150.4540, -6.9700, 5.1740

Deuteranopia

151.3930, 12.1950, 4.7630



Tritanopia

151.2350, 51.3470, 22.0910

Trichromacy



Original Color

152.1240, 47.5860, 29.6820

Protanomaly

150.7880, 12.8810, 14.3610

Deuteranomaly

151.6060, 25.0770, 13.5970

Tritanomaly

151.7450, 49.9710, 25.0030

Monochromacy



Original Color

152.1240, 47.5860, 29.6820

Achromatopsia

152.0000, -0.0000, -0.0000

Achromatomaly

151.7190, 17.3290, 10.8410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 152.1240, 47.5860, 29.6820 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(216, 120, 150)` looks like.

```
.text, #text, p{  
    color:rgb(216, 120, 150)  
}
```

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(216, 120, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 120, 150) }
```

Border

The CSS property to change the border of an element to YIQ 152.1240, 47.5860, 29.6820 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(216, 120, 150) }
```


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

```
.border{ border-color:rgb(216, 120, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 120, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 120, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 120, 150);  
box-shadow:4px 4px 4px 4px rgb(216, 120,  
150) }
```

Background

The CSS property to change the background color of an element to YIQ 152.1240, 47.5860, 29.6820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 120, 150) }
```

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

```
.background{ background-color: rgb(216,  
120, 150) }
```

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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