

Converting Colors

YIQ(137.1190, 28.7870, 34.4750)

Have a look what the booklet for
YIQ(137.1190, 28.7870, 34.4750)
contains.

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Color

**YIQ(137.1190, 28.7870,
34.4750)**

Conversions

Conversions Part 1

Format	Color
Hex	BA6BA4
RGB	186, 107, 164
RGB Percent	73%, 42%, 64%
CMY	0.2704, 0.5805, 0.3568
CMYK	0.00, 0.43, 0.12, 0.27
HSL	317°, 36%, 57%
HSV	317°, 43%, 73%
XYZ	32.2203, 23.6357, 37.9944
YIQ	137.1190, 28.7870, 34.4750

Conversions

Conversions Part 2

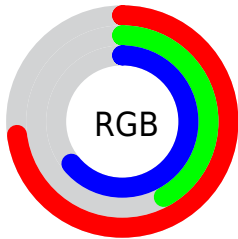
Format	Color
R _Y B	186, 107, 164
Decimal	12217252
CIE _{Lab}	55.72, 39.49, -17.15
CIE _{LCh}	56, 43.051, 336.528
Yxy	23.6357, 0.3433, 0.2518
Android (android.graphics.Color)	4290407332 (0xFFBA6BA4)
YUV	137.1190, 13.2523, 42.8686
Hunter-Lab	48.6166, 33.2204, -12.3042

Details

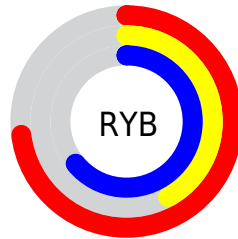
The YIQ color $137.1190, 28.7870, 34.4750$ is a light color, and the websafe version is hex $CC6699$. A complement of this color would be $155.8810, -28.7870, -34.4750$, and the grayscale version is $137.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $191.5430, 30.5290, 35.9450$, and $84.8090, 26.7240, 33.3160$ is the 20% darker color. If you saturate the color by 10%, you get $125.3960, 35.6170, 42.8570$, and if you desaturate by 10%, it is $148.8420, 21.9570, 26.0930$.

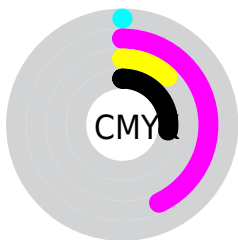
Distribution



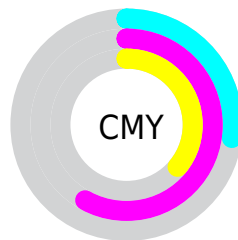
- Red (73%)
- Green (42%)
- Blue (64%)



- Red (73%)
- Yellow (42%)
- Blue (64%)



- Cyan (0%)
- Magenta (43%)
- Yellow (12%)
- Black (27%)





- Cyan (27%)
- Magenta (58%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 137.1190, 28.7870, 34.4750 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 137.1190, 28.7870, 34.4750 by changing the saturation by 10% instead.


 137.1190, 28.7870,
34.4750


 137.1190, 28.7870,
34.4750


255.0000, -0.0000,
-0.0000


 110.5210, 27.5950,
34.0510


 191.8420, 31.1250,
36.1570


 84.8090, 26.7240,
33.3160


 214.8730, 20.6720,
32.8640


 59.6240, 25.8070,
33.4150

 232.1070, 10.7250,
20.3970

 30.9170, 26.5400,
36.6520

 249.1300, 2.7500,
5.2300

 20.9340, 18.7020,
24.5100

 11.3640, 11.1390,
12.8910

 0.0000, 0.0000,

0.0000

■ 137.1190, 28.7870,
34.4750

■ 137.1190, 28.7870,
34.4750

■ 125.3960, 35.6170,
42.8570

■ 148.8420, 21.9570,
26.0930

■ 114.2600, 42.1720,
50.7160

■ 159.9780, 15.4020,
18.2340

■ 102.4230, 49.3230,
58.7870

■ 171.8150, 8.2510,
10.1630

■ 91.2870, 55.8780,
66.6460

■ 182.9510, 1.6960,
2.3040

■ 79.5640, 62.7080,
75.0280

■ 194.6740, -5.1340,
-6.0780

■ 70.8900, 67.8420,
81.1060

■ 206.3970,
-11.9640, -14.4600

■ 217.5330,
-18.5190, -22.3190

■ 228.6690,
-25.0740, -30.1780

■ 229.3530,
-27.0000, -28.3120

Harmonies

Analogous

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



136.5090, -7.6620, 28.7380



137.1190, 28.7870, 34.4750



135.0490, 52.1710, 29.1870

Triad

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



137.1190, 28.7870, 34.4750



129.2940, 33.3820, -21.2900



108.8150, -98.3420, -23.9260

Complementary

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



137.1190, 28.7870, 34.4750



155.8810, -28.7870, -34.4750

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.



105.2980, -87.0610, -35.6450



137.1190, 28.7870, 34.4750



124.9140, 1.9770, -30.3350

Square

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



137.1190, 28.7870, 34.4750



131.9580, 52.5440, -5.1200



116.1230, -41.2120, -35.0680



108.0290, -104.3960, -13.3240

Rectangle

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



137.1190, 28.7870, 34.4750



133.9600, 59.3710, 19.8430



116.1230, -41.2120, -35.0680



108.1480, -95.0860, -27.8700

Sweetspot

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



137.1190, 28.7870, 34.4750



222.7770, 11.4140, 13.4140



122.2850, -12.8430, 29.0210



110.2770, 6.8300, 8.3820



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



137.1190, 28.7870, 34.4750



165.9230, 44.7390, 53.7550



132.6730, 41.3060, 22.3460



86.3750, 3.4380, 3.7740



59.4120, 57.0240, 67.9040



10.6520, 10.2680, 12.1560

Inverse Universe

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



137.1190, 28.7870, 34.4750



165.9230, 44.7390, 53.7550



160.3270, -41.3060, -22.3460



86.3750, 3.4380, 3.7740



59.4120, 57.0240, 67.9040



10.6520, 10.2680, 12.1560

Previews

White Background



This preview shows how the YIQ color 137.1190, 28.7870, 34.4750 looks on a white background.

Color Contrast Check

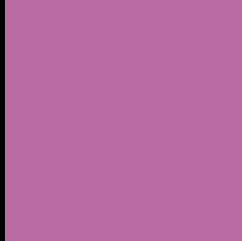
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.1190, 28.7870, 34.4750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

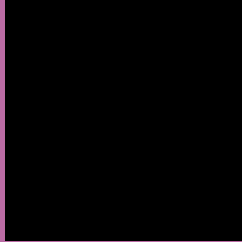
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 137.1190, 28.7870, 34.4750

Background



This preview shows how black text looks on a background with the YIQ color 137.1190, 28.7870, 34.4750.



This preview shows how white text looks on a background with the YIQ color 137.1190, 28.7870,

34.4750.

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

137.1190, 28.7870, 34.4750

Protanopia

133.8130, -23.7980, 12.7940

Deuteranopia

135.2030, -7.5210, 9.6550



Tritanopia

135.7600, 36.4470, 16.7910

Trichromacy



Original Color

137.1190, 28.7870, 34.4750

Protanomaly

134.9080, -4.7720, 20.4120

Deuteranomaly

135.7150, 5.9570, 18.7010

Tritanomaly

136.3070, 33.6490, 23.4490

Monochromacy



Original Color

137.1190, 28.7870, 34.4750

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

137.0650, 10.5430, 12.6790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.1190, 28.7870, 34.4750 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(186, 107, 164)` looks like.

```
.text, #text, p{  
    color:rgb(186, 107, 164)  
}
```

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(186, 107, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 107, 164) }
```

Border

The CSS property to change the border of an element to YIQ 137.1190, 28.7870, 34.4750 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(186, 107, 164) }
```


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

```
.border{ border-color:rgb(186, 107, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 107, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 107, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 107, 164); box-shadow:4px 4px 4px 4px rgb(186, 107, 164) }
```

Background

The CSS property to change the background color of an element to YIQ 137.1190, 28.7870, 34.4750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 107, 164) }
```

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

```
.background{ background-color: rgb(186,  
107, 164) }
```

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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