

Converting Colors

YIQ(187.5460, 17.2790, 33.7830)

Have a look what the booklet for
YIQ(187.5460, 17.2790, 33.7830)
contains.

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Color

**YIQ(187.5460, 17.2790,
33.7830)**

Conversions

Conversions Part 1

Format	Color
Hex	E1A1E2
RGB	225, 161, 226
RGB Percent	88%, 63%, 89%
CMY	0.1174, 0.3687, 0.1137
CMYK	0.00, 0.29, 0.00, 0.11
HSL	299°, 53%, 76%
HSV	299°, 29%, 89%
XYZ	57.5350, 46.9871, 77.9918
YIQ	187.5460, 17.2790, 33.7830

Conversions

Conversions Part 2

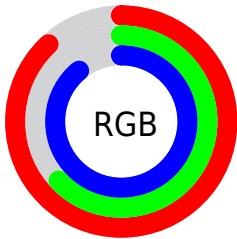
Format	Color
R_{YB}	225, 161, 226
Decimal	14787042
CIE _{Lab}	74.18, 34.25, -23.46
CIE _{LCh}	74, 41.514, 325.586
Yxy	46.9871, 0.3152, 0.2574
Android (android.graphics.Color)	4292977122 (0xFFE1A1E2)
YUV	187.5460, 18.9578, 32.8472
Hunter-Lab	68.5471, 29.8663, -19.4762

Details

The YIQ color **187.5460, 17.2790, 33.7830** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **199.4540, -17.2790, -33.7830**, and the grayscale version is **187.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **232.1070, 10.7250, 20.3970**, and **133.4210, 16.1330, 32.5250** is the 20% darker color. If you saturate the color by 10%, you get **174.0450, 23.6040, 45.8120**, and if you desaturate by 10%, it is **201.0470, 10.9540, 21.7540**.

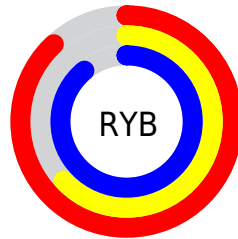
Distribution



Red (88%)

Green (63%)

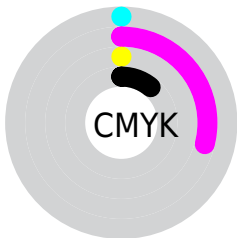
Blue (89%)



Red (88%)

Yellow (63%)

Blue (89%)

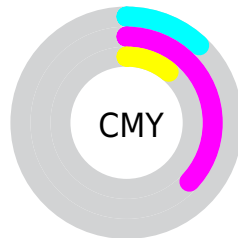


Cyan (0%)

Magenta (29%)

Yellow (0%)

Black (11%)



Cyan (12%)

Magenta (37%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 187.5460, 17.2790, 33.7830 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 187.5460, 17.2790, 33.7830 by changing the saturation by 10% instead.

187.5460, 17.2790,
33.7830

187.5460, 17.2790,
33.7830

255.0000, -0.0000,
-0.0000

160.1330, 17.0040,
33.2600

232.1070, 10.7250,
20.3970

133.4210, 16.1330,
32.5250

249.1300, 2.7500,
5.2300

107.5950, 15.5830,
31.4790

82.4700, 14.4370,
30.2210

58.0570, 14.1620,
29.6980

32.5840, 14.1160,
30.5320

17.9160, 9.9450,

23.5210

■ 5.3560, -3.5780,
9.7820

■ 0.0000, 0.0000,
0.0000

■ 187.5460, 17.2790,
33.7830

■ 187.5460, 17.2790,
33.7830

■ 174.0450, 23.6040,
45.8120

■ 201.0470, 10.9540,
21.7540

■ 160.8320, 29.0580,
57.1060

■ 214.2600, 5.5000,
10.4600

■ 147.3310, 35.3830,
69.1350

■ 227.7610, -0.8250,
-1.5690

■ 134.4170, 41.4330,
80.6410

■ 240.6750, -6.8750,
-13.0750

■ 120.6170, 47.1620,
92.4580

■ 243.3220, -7.3790,
-14.9550

■ 107.1160, 53.4870,
104.4870

■ 243.6210, -6.7830,
-14.7430

■ 94.2020, 59.5370,
115.9930

■ 92.4410, 60.3620,
117.5620

Harmonies

Analogous

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



184.5610, -22.6080, 24.2720



187.5460, 17.2790, 33.7830



186.5200, 46.5310, 32.2830

Triad

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



187.5460, 17.2790, 33.7830



179.9580, 43.3760, -15.1840



142.9700, -124.2440, -39.0920

Complementary

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



187.5460, 17.2790, 33.7830



199.4540, -17.2790, -33.7830

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.



160.9490, -67.0250, -35.3210



187.5460, 17.2790, 33.7830



176.3240, 15.5020, -27.6500

Square

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



187.5460, 17.2790, 33.7830



182.7080, 59.4200, 2.4280



170.5290, -21.8640, -33.2880



153.3220, -112.8310, -20.1510

Rectangle

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



187.5460, 17.2790, 33.7830



184.7520, 57.2610, 25.0450



170.5290, -21.8640, -33.2880



149.0660, -106.9590, -38.4710

Sweetspot

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



187.5460, 17.2790, 33.7830



241.4990, 6.3250, 12.0290



168.9970, -21.1400, 19.6920



118.8960, 3.5290, 7.6330



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.



187.5460, 17.2790, 33.7830



202.4580, 23.8790, 46.3350



184.3110, 27.8260, 24.3540



105.5430, 3.0250, 5.7530



71.7910, 46.6120, 91.4120



19.8240, 13.2000, 25.1040

Inverse Universe

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



180.5490, 38.4190, 14.0910



192.7250, 52.7230, 19.1790



202.6890, -27.8260, -24.3540



104.2890, 6.5560, 2.3320



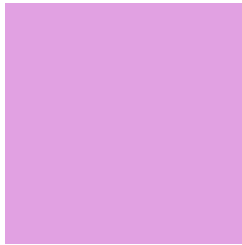
52.9660, 103.9330, 38.2450



14.4660, 28.2870, 10.4870

Previews

White Background



This preview shows how the YIQ color 187.5460, 17.2790, 33.7830 looks on a white background.

Color Contrast Check

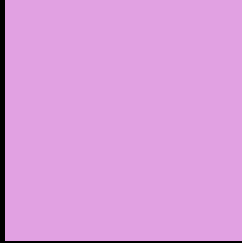
Large Text (above 18pt) WCAG AA × Fail

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 187.5460, 17.2790, 33.7830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

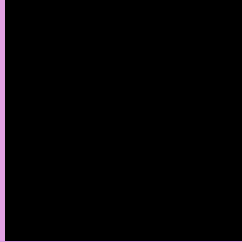
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 187.5460, 17.2790, 33.7830

Background



This preview shows how black text looks on a background with the YIQ color 187.5460, 17.2790, 33.7830.



This preview shows how white text looks on a background with the YIQ color 187.5460, 17.2790,

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

187.5460, 17.2790, 33.7830

Protanopia

183.5400, -27.2830, 15.3810

Deuteranopia

184.3150, -13.5280, 13.8960



Tritanopia

185.4320, 25.6270, 14.6430

Trichromacy



Original Color

187.5460, 17.2790, 33.7830



Protanomaly

185.1400, -11.2370, 21.9390



Deuteranomaly

185.1040, -2.3880, 21.2600



Tritanomaly

186.0930, 22.5080, 21.6120

Monochromacy



Original Color

187.5460, 17.2790, 33.7830



Achromatopsia

188.0000, 0.0000, 0.0000



Achromatomaly

187.6130, 6.0040, 12.3400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.5460, 17.2790, 33.7830 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(225, 161, 226)` looks like.

```
.text, #text, p{  
    color:rgb(225, 161, 226)  
}
```

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(225, 161, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 161, 226) }
```

Border

The CSS property to change the border of an element to YIQ 187.5460, 17.2790, 33.7830 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(225, 161, 226) }
```


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

```
.border{ border-color:rgb(225, 161, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 161, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 161, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 161, 226);  
box-shadow:4px 4px 4px 4px rgb(225, 161,  
226) }
```

Background

The CSS property to change the background color of an element to YIQ 187.5460, 17.2790, 33.7830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 161, 226) }
```

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

```
.background{ background-color: rgb(225,  
161, 226) }
```

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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