

Converting Colors

YIQ(187.4770, 21.7270, 30.2630)

Have a look what the booklet for
YIQ(187.4770, 21.7270, 30.2630)
contains.

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Color

**YIQ(187.4770, 21.7270,
30.2630)**

Conversions

Conversions Part 1

Format	Color
Hex	E3A2D7
RGB	227, 162, 215
RGB Percent	89%, 64%, 84%
CMY	0.1096, 0.3648, 0.1568
CMYK	0.00, 0.29, 0.05, 0.11
HSL	311°, 54%, 76%
HSV	311°, 29%, 89%
XYZ	56.8764, 47.0766, 70.3867
YIQ	187.4770, 21.7270, 30.2630

Conversions

Conversions Part 2

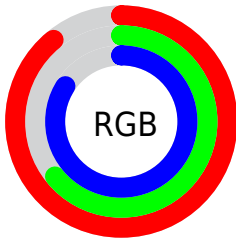
Format	Color
R _Y B	227, 162, 215
Decimal	14918359
CIE Lab	74.24, 32.38, -17.35
CIE LCh	74, 36.735, 331.822
Yxy	47.0766, 0.3262, 0.2700
Android (android.graphics.Color)	4293108439 (0xFFE3A2D7)
YUV	187.4770, 13.5688, 34.6617
Hunter-Lab	68.6124, 27.8962, -12.7945

Details

The YIQ color $187.4770, 21.7270, 30.2630$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $201.5230, -21.7270, -30.2630$, and the grayscale version is $187.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $232.6940, 10.4500, 19.8740$, and $133.3520, 20.5810, 29.0050$ is the 20% darker color. If you saturate the color by 10%, you get $173.5200, 29.3360, 41.0480$, and if you desaturate by 10%, it is $201.4340, 14.1180, 19.4780$.

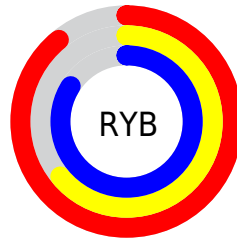
Distribution



Red (89%)

Green (64%)

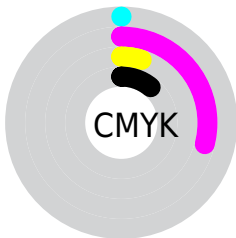
Blue (84%)



Red (89%)

Yellow (64%)

Blue (84%)

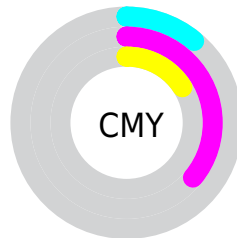


Cyan (0%)

Magenta (29%)

Yellow (5%)

Black (11%)



Cyan (11%)

Magenta (36%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 187.4770, 21.7270, 30.2630 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 187.4770, 21.7270, 30.2630 by changing the saturation by 10% instead.

187.4770, 21.7270,
30.2630

187.4770, 21.7270,
30.2630

255.0000, -0.0000,
-0.0000

160.0640, 21.4520,
29.7400

232.6940, 10.4500,
19.8740

133.3520, 20.5810,
29.0050

249.7170, 2.4750,
4.7070

107.6400, 19.7100,
28.2700

82.6290, 18.2430,
27.3230

58.2160, 17.9680,
26.8000

33.4440, 17.3260,
27.4220

17.6020, 13.7050,

21.4570

■ 5.2270, 1.0990,
7.6190

■ 0.0000, 0.0000,
0.0000

■ 187.4770, 21.7270,
30.2630

■ 187.4770, 21.7270,
30.2630

■ 173.5200, 29.3360,
41.0480

■ 201.4340, 14.1180,
19.4780

■ 160.1500, 36.6700,
51.3100

■ 214.8040, 6.7840,
9.2160

■ 146.0790, 44.6000,
61.7840

■ 228.8750, -1.1460,
-1.2580

■ 132.1220, 52.2090,
72.5690

■ 242.8320, -8.7550,
-12.0430

■ 118.1650, 59.8180,
83.3540

■ 244.4620,
-10.5890, -11.8450

■ 104.7950, 67.1520,
93.6160

■ 244.9180,
-11.8730, -10.6010

■ 90.8380, 74.7610,
104.4010

■ 245.3740,
-13.1570, -9.3570

■ 88.9630, 75.9070,
105.6590

■ 245.9440,
-14.7620, -7.8020

■ 246.4000,
-16.0460, -6.5580

Harmonies

Analogous

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



185.4220, -11.9710, 24.2290



187.4770, 21.7270, 30.2630



186.7600, 45.6150, 26.8550

Triad

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



187.4770, 21.7270, 30.2630



180.0540, 34.2980, -15.8620



159.1810, -90.6850, -25.0290

Complementary

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



187.4770, 21.7270, 30.2630



201.5230, -21.7270, -30.2630

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.



164.3780, -63.6790, -29.8790



187.4770, 21.7270, 30.2630



176.4850, 7.7990, -25.7130

Square

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



187.4770, 21.7270, 30.2630



182.9950, 51.1220, -1.3740



171.5980, -26.3120, -29.7680



166.7670, -80.0510, -8.4910

Rectangle

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



187.4770, 21.7270, 30.2630



185.3230, 53.9150, 19.6030



171.5980, -26.3120, -29.7680



160.0090, -84.4490, -27.9130

Sweetspot

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



187.4770, 21.7270, 30.2630



241.0430, 7.6090, 10.7850



172.9980, -13.7130, 22.7590



118.8530, 5.0880, 6.9120



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.



187.4770, 21.7270, 30.2630



202.1070, 29.0610, 40.5250



183.8290, 31.9990, 20.3110



107.7280, 3.9420, 5.6540



70.0510, 60.1390, 83.0430



20.0370, 16.9140, 23.8740

Inverse Universe

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



187.4770, 21.7270, 30.2630



202.1070, 29.0610, 40.5250



205.1710, -31.9990, -20.3110



107.7280, 3.9420, 5.6540



70.0510, 60.1390, 83.0430



20.0370, 16.9140, 23.8740

Previews

White Background



This preview shows how the YIQ color 187.4770, 21.7270, 30.2630 looks on a white background.

Color Contrast Check

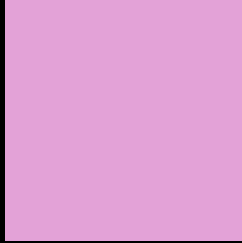
Large Text (above 18pt) WCAG AA × Fail

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 187.4770, 21.7270, 30.2630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

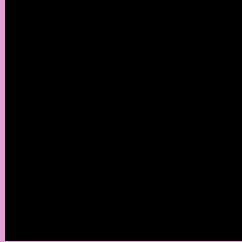
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 187.4770, 21.7270, 30.2630

Background



This preview shows how black text looks on a background with the YIQ color 187.4770, 21.7270, 30.2630.



This preview shows how white text looks on a background with the YIQ color 187.4770, 21.7270,

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

187.4770, 21.7270, 30.2630

Protanopia

183.6670, -20.4510, 12.7090

Deuteranopia

184.5670, -5.5500, 12.4820



Tritanopia

185.9270, 28.6070, 15.7030

Trichromacy



Original Color

187.4770, 21.7270, 30.2630



Protanomaly

184.9680, -5.0010, 19.0550



Deuteranomaly

185.6440, 4.7190, 19.1110



Tritanomaly

186.4200, 25.9010, 20.6930

Monochromacy



Original Color

187.4770, 21.7270, 30.2630



Achromatopsia

187.0000, -0.0000, -0.0000



Achromatomaly

187.3420, 8.2050, 10.9970

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.4770, 21.7270, 30.2630 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(227, 162, 215)` looks like.

```
.text, #text, p{  
    color:rgb(227, 162, 215)  
}
```

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(227, 162, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 162, 215) }
```

Border

The CSS property to change the border of an element to YIQ 187.4770, 21.7270, 30.2630 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(227, 162, 215) }
```


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

```
.border{ border-color:rgb(227, 162, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 162, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 162, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 162, 215);  
box-shadow:4px 4px 4px 4px rgb(227, 162,  
215) }
```

Background

The CSS property to change the background color of an element to YIQ 187.4770, 21.7270, 30.2630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 162, 215) }
```

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

```
.background{ background-color: rgb(227,  
162, 215) }
```

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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