

Converting Colors

YIQ(188.3280, 29.1560, 22.2760)

Have a look what the booklet for
YIQ(188.3280, 29.1560, 22.2760)
contains.

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Color

**YIQ(188.3280, 29.1560,
22.2760)**

Conversions

Conversions Part 1

Format	Color
Hex	E6A6C2
RGB	230, 166, 194
RGB Percent	90%, 65%, 76%
CMY	0.0979, 0.3491, 0.2391
CMYK	0.00, 0.28, 0.16, 0.10
HSL	334°, 56%, 78%
HSV	334°, 28%, 90%
XYZ	56.0187, 47.9890, 57.3633
YIQ	188.3280, 29.1560, 22.2760

Conversions

Conversions Part 2

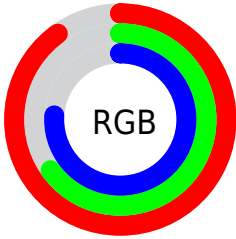
Format	Color
R _Y B	230, 166, 194
Decimal	15115970
CIE Lab	74.82, 27.76, -4.95
CIE LCh	75, 28.194, 349.892
Yxy	47.9890, 0.3471, 0.2974
Android (android.graphics.Color)	4293306050 (0xFFE6A6C2)
YUV	188.3280, 2.7963, 36.5463
Hunter-Lab	69.2741, 23.1149, -0.6041

Details

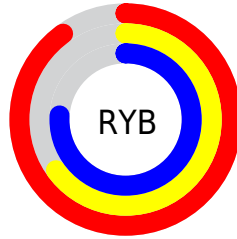
The YIQ color $188.3280, 29.1560, 22.2760$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $207.6720, -29.1560, -22.2760$, and the grayscale version is $188.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $235.0590, 10.6800, 15.7040$, and $134.3170, 27.6890, 21.3290$ is the 20% darker color. If you saturate the color by 10%, you get $173.3450, 39.6540, 30.2620$, and if you desaturate by 10%, it is $203.3110, 18.6580, 14.2900$.

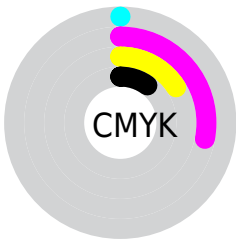
Distribution



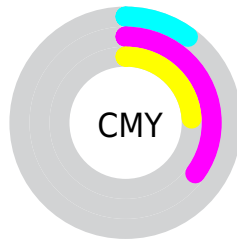
- Red (90%)
- Green (65%)
- Blue (76%)



- Red (90%)
- Yellow (65%)
- Blue (76%)



- Cyan (0%)
- Magenta (28%)
- Yellow (16%)
- Black (10%)




- Cyan (10%)
- Magenta (35%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 188.3280, 29.1560, 22.2760 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 188.3280, 29.1560, 22.2760 by changing the saturation by 10% instead.


 188.3280, 29.1560,
22.2760


 188.3280, 29.1560,
22.2760

255.0000, -0.0000,
-0.0000


 160.7300, 27.9640,
21.8520


 235.0590, 10.6800,
15.7040


 134.3170, 27.6890,
21.3290

 252.0650, 1.3750,
2.6150

 108.4200, 25.9010,
20.6930

 83.7080, 25.0300,
19.9580

 59.8110, 23.2420,
19.3220

 35.7400, 22.0040,
19.7320

 16.4900, 19.7120,

17.2160

■ 4.1860, 8.3440,
2.9680

■ 0.0000, 0.0000,
0.0000

■ 188.3280, 29.1560,
22.2760

■ 188.3280, 29.1560,
22.2760

■ 173.3450, 39.6540,
30.2620

■ 203.3110, 18.6580,
14.2900

■ 158.3620, 50.1520,
38.2480

■ 218.2940, 8.1600,
6.3040

■ 143.3790, 60.6500,
46.2340

■ 233.2770, -2.3380,
-1.6820

■ 128.3960, 71.1480,
54.2200

■ 246.4990,
-12.0110, -8.0990

■ 113.4130, 81.6460,
62.2060

■ 247.5250,
-14.9000, -5.3000

■ 98.4300, 92.1440,
70.1920

■ 83.4470, 102.6420,
78.1780

■ 80.2840, 104.6590,
80.1710

Harmonies

Analogous

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



188.3070, 7.2860, 22.1500



188.3280, 29.1560, 22.2760



187.4570, 41.6740, 15.6740

Triad

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



188.3280, 29.1560, 22.2760



181.0610, 15.2250, -17.1190



173.6630, -59.3270, -9.6230

Complementary

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



188.3280, 29.1560, 22.2760



207.6720, -29.1560, -22.2760

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.



172.0190, -54.8780, -18.6700



188.3280, 29.1560, 22.2760



177.3230, -9.1200, -21.9520

Square

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



188.3280, 29.1560, 22.2760



183.3240, 33.8380, -7.5220



174.0350, -34.6120, -22.5160



179.2940, -44.5660, 3.7060

Rectangle

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



188.3280, 29.1560, 22.2760



186.4970, 44.1970, 8.4930



174.0350, -34.6120, -22.5160



172.2560, -59.7390, -13.1710

Sweetspot

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



188.3280, 29.1560, 22.2760



242.0060, 9.0310, 7.0390



183.7610, 0.3160, 27.3240



119.4570, 6.1430, 4.3110



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.



188.3280, 29.1560, 22.2760



200.3340, 38.1870, 29.3150



186.8970, 37.3190, 11.9990



107.1580, 5.5470, 4.0990



62.4130, 81.6460, 62.2060



17.7570, 23.3340, 17.6540

Inverse Universe

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



188.3280, 29.1560, 22.2760



200.3340, 38.1870, 29.3150



209.1030, -37.3190, -11.9990



107.1580, 5.5470, 4.0990



62.4130, 81.6460, 62.2060



17.7570, 23.3340, 17.6540

Previews

White Background



This preview shows how the YIQ color 188.3280, 29.1560, 22.2760 looks on a white background.

Color Contrast Check

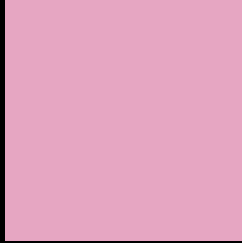
Large Text (above 18pt) WCAG AA × Fail

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 188.3280, 29.1560, 22.2760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

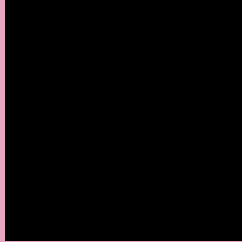
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 188.3280, 29.1560, 22.2760

Background



This preview shows how black text looks on a background with the YIQ color 188.3280, 29.1560, 22.2760.



This preview shows how white text looks on a background with the YIQ color 188.3280, 29.1560,

22.2760.

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

188.3280, 29.1560, 22.2760

Protanopia

185.2090, -7.6580, 6.6300

Deuteranopia

186.4620, 7.7470, 8.2830



Tritanopia

187.7210, 32.1830, 16.9750

Trichromacy



Original Color

188.3280, 29.1560, 22.2760

Protanomaly

186.3140, 5.4080, 12.1280

Deuteranomaly

186.9300, 15.3570, 13.5410

Tritanomaly

187.7040, 30.8530, 19.0530

Monochromacy



Original Color

188.3280, 29.1560, 22.2760

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

188.0170, 10.4980, 7.9860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.3280, 29.1560, 22.2760 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(230, 166, 194)` looks like.

```
.text, #text, p{  
    color:rgb(230, 166, 194)  
}
```

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(230, 166, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 166, 194) }
```

Border

The CSS property to change the border of an element to YIQ 188.3280, 29.1560, 22.2760 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(230, 166, 194) }
```


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

```
.border{ border-color:rgb(230, 166, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 166, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 166, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 166, 194);  
box-shadow:4px 4px 4px 4px rgb(230, 166,  
194) }
```

Background

The CSS property to change the background color of an element to YIQ 188.3280, 29.1560, 22.2760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 166, 194) }
```

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

```
.background{ background-color: rgb(230,  
166, 194) }
```

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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