

Converting Colors

YIQ(172.7450, 32.7760, 33.7680)

Have a look what the booklet for
YIQ(172.7450, 32.7760, 33.7680)
contains.

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Color

**YIQ(172.7450, 32.7760,
33.7680)**

Conversions

Conversions Part 1

Format	Color
Hex	E18EC2
RGB	225, 142, 194
RGB Percent	88%, 56%, 76%
CMY	0.1174, 0.4433, 0.2391
CMYK	0.00, 0.37, 0.14, 0.12
HSL	322°, 58%, 72%
HSV	322°, 37%, 88%
XYZ	50.4776, 39.2487, 55.9677
YIQ	172.7450, 32.7760, 33.7680

Conversions

Conversions Part 2

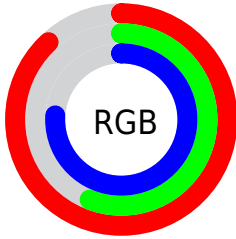
Format	Color
R _Y B	225, 142, 194
Decimal	14782146
CIE _{Lab}	68.93, 38.83, -13.78
CIE _{LCh}	69, 41.198, 340.463
Y _{xy}	39.2487, 0.3465, 0.2694
Android (android.graphics.Color)	4292972226 (0xFFE18EC2)
Y _{UV}	172.7450, 10.4787, 45.8276
Hunter-Lab	62.6488, 34.1863, -9.1130

Details

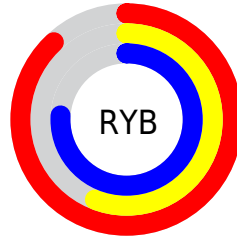
The YIQ color **172.7450, 32.7760, 33.7680** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **194.2550, -32.7760, -33.7680**, and the grayscale version is **173.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **220.4980, 17.2340, 29.0900**, and **119.0220, 30.4380, 32.0860** is the 20% darker color. If you saturate the color by 10%, you get **158.3320, 41.6690, 43.3090**, and if you desaturate by 10%, it is **186.5710, 24.1580, 24.7500**.

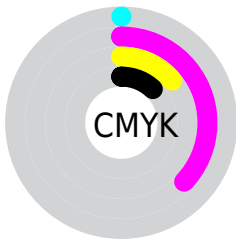
Distribution



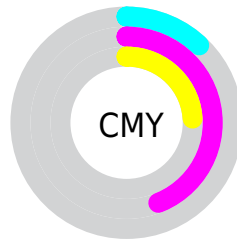
- Red (88%)
- Green (56%)
- Blue (76%)



- Red (88%)
- Yellow (56%)
- Blue (76%)



- Cyan (0%)
- Magenta (37%)
- Yellow (14%)
- Black (12%)




- Cyan (12%)
- Magenta (44%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 172.7450, 32.7760, 33.7680 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 172.7450, 32.7760, 33.7680 by changing the saturation by 10% instead.


 172.7450, 32.7760,
33.7680

 172.7450, 32.7760,
33.7680


255.0000, -0.0000,
-0.0000

 145.7340, 31.3090,
32.8210


 220.4980, 17.2340,
29.0900


 119.0220, 30.4380,
32.0860


 237.3900, 8.2500,
15.6900

 93.4240, 29.2460,
31.6620

254.4130, 0.2750,
0.5230

 67.2390, 28.3290,
31.7610

 40.4070, 27.9160,
33.7400

 23.8530, 23.4240,
27.0400

 15.2940, 17.3280,

16.3680

■ 0.0000, 0.0000,
0.0000

■ 172.7450, 32.7760,
33.7680

■ 172.7450, 32.7760,
33.7680

■ 158.3320, 41.6690,
43.3090

■ 186.5710, 24.1580,
24.7500

■ 144.3920, 50.6080,
52.0160

■ 201.0980, 14.9440,
15.5200

■ 129.9790, 59.5010,
61.5570

■ 214.9240, 6.3260,
6.5020

■ 116.0390, 68.4400,
70.2640

■ 229.4510, -2.8880,
-2.7280

■ 101.6260, 77.3330,
79.8050

■ 243.8640,
-11.7810, -12.2690

87.8000, 85.9510,
88.8230

244.7760,
-14.3490, -9.7810

83.3490, 88.8390,
91.5510

245.8020,
-17.2380, -6.9820

246.0300,
-17.8800, -6.3600

Harmonies

Analogous

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



172.5590, -1.9310, 29.5010



172.7450, 32.7760, 33.7680



171.1370, 54.7390, 26.6990

Triad

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



172.7450, 32.7760, 33.7680



163.9130, 30.0810, -22.0390



133.6920, -120.1650, -30.4130

Complementary

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



172.7450, 32.7760, 33.7680



194.2550, -32.7760, -33.7680

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.



130.8760, -109.4800, -42.3440



172.7450, 32.7760, 33.7680



159.4620, -2.5620, -30.6740

Square

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



172.7450, 32.7760, 33.7680



167.0180, 52.3150, -6.4770



152.2800, -43.0920, -34.0360



149.5470, -91.0550, -7.3030

Rectangle

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



172.7450, 32.7760, 33.7680



169.5640, 60.4260, 17.2420



152.2800, -43.0920, -34.0360



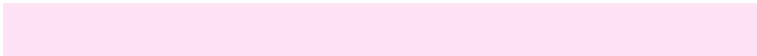
133.1390, -117.2300, -34.0460

Sweetspot

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



172.7450, 32.7760, 33.7680



237.4240, 10.9100, 11.5340



160.4320, -8.7630, 32.1730



117.2230, 6.9220, 6.7140



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.



172.7450, 32.7760, 33.7680



184.4680, 44.2820, 45.5140



168.0710, 45.9370, 21.0170



105.0870, 4.3090, 4.5090



65.1640, 69.5860, 71.5220



17.7720, 18.9780, 19.5060

Inverse Universe

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



172.7450, 32.7760, 33.7680



184.4680, 44.2820, 45.5140



198.9290, -45.9370, -21.0170



105.0870, 4.3090, 4.5090



65.1640, 69.5860, 71.5220



17.7720, 18.9780, 19.5060

Previews

White Background



This preview shows how the YIQ color 172.7450, 32.7760, 33.7680 looks on a white background.

Color Contrast Check

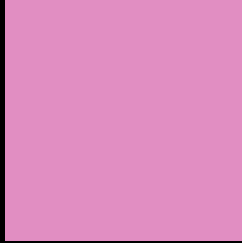
Large Text (above 18pt) WCAG AA × Fail

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 172.7450, 32.7760, 33.7680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

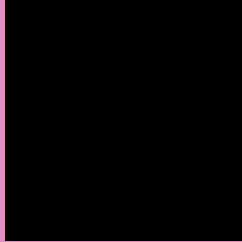
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 172.7450, 32.7760, 33.7680

Background



This preview shows how black text looks on a background with the YIQ color 172.7450, 32.7760, 33.7680.



This preview shows how white text looks on a background with the YIQ color 172.7450, 32.7760,

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

172.7450, 32.7760, 33.7680

Protanopia

169.3250, -19.4880, 11.7760

Deuteranopia

170.2530, -1.7900, 10.4180



Tritanopia

171.1950, 39.6560, 19.2080

Trichromacy



Original Color

172.7450, 32.7760, 33.7680

Protanomaly

170.5340, -0.7830, 19.7050

Deuteranomaly

171.0530, 10.8170, 18.7290

Tritanomaly

171.6880, 36.9500, 24.1980

Monochromacy



Original Color

172.7450, 32.7760, 33.7680

Achromatopsia

173.0000, -0.0000, 0.0000

Achromatomaly

173.1360, 11.7810, 12.2690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.7450, 32.7760, 33.7680 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, 142, 194)` looks like.

```
.text, #text, p{  
    color:rgb(225, 142, 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(225, 142, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 142, 194) }
```

Border

The CSS property to change the border of an element to YIQ 172.7450, 32.7760, 33.7680 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, 142, 194) }
```


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

```
.border{ border-color:rgb(225, 142, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 142, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 142, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 142, 194);  
box-shadow:4px 4px 4px 4px rgb(225, 142,  
194) }
```

Background

The CSS property to change the background color of an element to YIQ 172.7450, 32.7760, 33.7680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 142, 194) }
```

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

```
.background{ background-color: rgb(225,  
142, 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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