

Converting Colors

YIQ(155.7450, 32.7760, 33.7680)

Have a look what the booklet for
YIQ(155.7450, 32.7760, 33.7680)
contains.

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Color

**YIQ(155.7450, 32.7760,
33.7680)**

Conversions

Conversions Part 1

Format	Color
Hex	D07DB1
RGB	208, 125, 177
RGB Percent	82%, 49%, 69%
CMY	0.1841, 0.5099, 0.3058
CMYK	0.00, 0.40, 0.15, 0.18
HSL	322°, 47%, 65%
HSV	322°, 40%, 82%
XYZ	41.2962, 31.2521, 45.4626
YIQ	155.7450, 32.7760, 33.7680

Conversions

Conversions Part 2

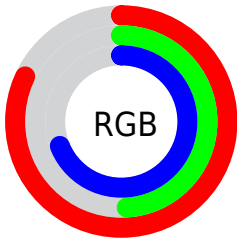
Format	Color
R _Y B	208, 125, 177
Decimal	13663665
CIE Lab	62.72, 39.39, -13.76
CIE LCh	63, 41.723, 340.744
Yxy	31.2521, 0.3499, 0.2648
Android (android.graphics.Color)	4291853745 (0xFFD07DB1)
YUV	155.7450, 10.4787, 45.8276
Hunter-Lab	55.9035, 34.0276, -9.0841

Details

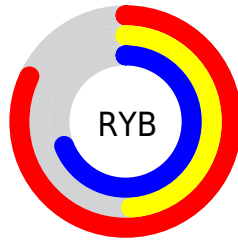
The YIQ color **155.7450, 32.7760, 33.7680** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **177.2550, -32.7760, -33.7680**, and the grayscale version is **156.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **207.8800, 27.9620, 32.9060**, and **103.0220, 30.4380, 32.0860** is the 20% darker color. If you saturate the color by 10%, you get **142.5060, 41.1190, 42.2630**, and if you desaturate by 10%, it is **168.9840, 24.4330, 25.2730**.

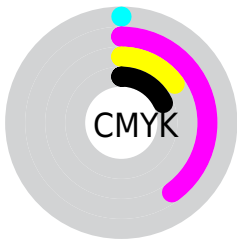
Distribution



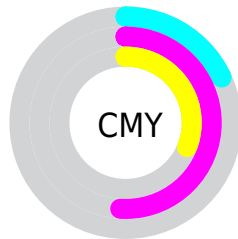
- Red (82%)
- Green (49%)
- Blue (69%)



- Red (82%)
- Yellow (49%)
- Blue (69%)



- Cyan (0%)
- Magenta (40%)
- Yellow (15%)
- Black (18%)



- Cyan (18%)
- Magenta (51%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 155.7450, 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 155.7450, 32.7760, 33.7680 by changing the saturation by 10% instead.

155.7450, 32.7760,
33.7680

155.7450, 32.7760,
33.7680

255.0000, -0.0000,
-0.0000

129.0330, 31.9050,
33.0330

207.8800, 27.9620,
32.9060

103.0220, 30.4380,
32.0860

226.8240, 13.2000,
25.1040

76.8370, 29.5210,
32.1850

243.8470, 5.2250,
9.9370

51.0650, 28.8790,
32.8070

27.8690, 26.4950,
31.9590

18.5980, 19.5280,
20.5520

5.7240, 9.7650,

4.7490

■ 0.0000, 0.0000,
0.0000

■ 155.7450, 32.7760,
33.7680

■ 155.7450, 32.7760,
33.7680

■ 142.5060, 41.1190,
42.2630

■ 168.9840, 24.4330,
25.2730

■ 129.2670, 49.4620,
50.7580

■ 182.2230, 16.0900,
16.7780

■ 116.7290, 57.2090,
59.0410

■ 194.7610, 8.3430,
8.4950

■ 103.4900, 65.5520,
67.5360

■ 208.0000, -0.0000,
-0.0000

■ 90.2510, 73.8950,
76.0310

■ 221.2390, -8.3430,
-8.4950

■ 77.0120, 82.2380,
84.5260

■ 234.4780,
-16.6860, -16.9900

■ 238.2110,
-20.3080, -17.4280

■ 239.1230,
-22.8760, -14.9400

■ 240.0350,
-25.4440, -12.4520

Harmonies

Analogous

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



155.5590, -1.9310, 29.5010



155.7450, 32.7760, 33.7680



153.3650, 54.0970, 27.3210

Triad

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



155.7450, 32.7760, 33.7680



147.6140, 29.4850, -22.2510



121.8890, -110.3540, -26.4980

Complementary

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



155.7450, 32.7760, 33.7680



177.2550, -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.



119.0730, -99.6690, -38.4290



155.7450, 32.7760, 33.7680



142.5760, -2.8830, -30.3630

Square

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



155.7450, 32.7760, 33.7680



150.4200, 51.1230, -6.9010



134.4970, -45.2010, -34.3610



125.0720, -105.9550, -12.6030

Rectangle

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



155.7450, 32.7760, 33.7680



152.3790, 59.5090, 17.3410



134.4970, -45.2010, -34.3610



121.2220, -107.0980, -30.4420

Sweetspot

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



155.7450, 32.7760, 33.7680



235.5490, 12.0560, 12.7920



143.4320, -8.7630, 32.1730



116.6360, 7.1970, 7.2370



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.



155.7450, 32.7760, 33.7680



178.1420, 48.3160, 49.5000



151.0710, 45.9370, 21.0170



98.0870, 4.3090, 4.5090



62.2020, 66.4230, 68.2710



15.2230, 16.0900, 16.7780

Inverse Universe

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



155.7450, 32.7760, 33.7680



178.1420, 48.3160, 49.5000



181.9290, -45.9370, -21.0170



98.0870, 4.3090, 4.5090



62.2020, 66.4230, 68.2710



15.2230, 16.0900, 16.7780

Previews

White Background



This preview shows how the YIQ color 155.7450, 32.7760, 33.7680 looks on a white background.

Color Contrast Check

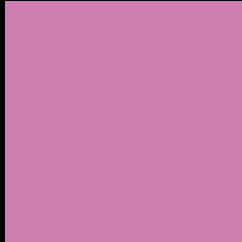
Large Text (above 18pt) WCAG AA × Fail

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 155.7450, 32.7760, 33.7680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

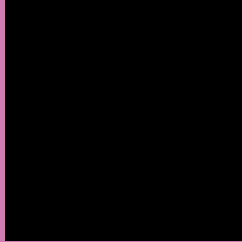
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 155.7450, 32.7760, 33.7680

Background



This preview shows how black text looks on a background with the YIQ color 155.7450, 32.7760, 33.7680.



This preview shows how white text looks on a background with the YIQ color 155.7450, 32.7760,

33.7680.

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

155.7450, 32.7760, 33.7680

Protanopia

152.4390, -19.8090, 12.0870

Deuteranopia

153.5410, -2.6610, 9.6830



Tritanopia

154.6680, 39.7020, 18.3740

Trichromacy



Original Color

155.7450, 32.7760, 33.7680

Protanomaly

153.5340, -0.7830, 19.7050

Deuteranomaly

154.6400, 10.5420, 18.2060

Tritanomaly

154.6880, 36.9500, 24.1980

Monochromacy



Original Color

155.7450, 32.7760, 33.7680

Achromatopsia

156.0000, -0.0000, -0.0000

Achromatomaly

156.1360, 11.7810, 12.2690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 155.7450, 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(208, 125, 177)` looks like.

```
.text, #text, p{  
    color:rgb(208, 125, 177)  
}
```

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(208, 125, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 125, 177) }
```

Border

The CSS property to change the border of an element to YIQ 155.7450, 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(208, 125, 177) }
```


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

```
.border{ border-color:rgb(208, 125, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 125, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 125, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 125, 177);  
box-shadow:4px 4px 4px 4px rgb(208, 125,  
177) }
```

Background

The CSS property to change the background color of an element to YIQ 155.7450, 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(208, 125, 177) }
```

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

```
.background{ background-color: rgb(208,  
125, 177) }
```

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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