

Converting Colors

YIQ(155.0420, 27.6860, 37.9100)

Have a look what the booklet for
YIQ(155.0420, 27.6860, 37.9100)
contains.

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Color

**YIQ(155.0420, 27.6860,
37.9100)**

Conversions

Conversions Part 1

Format	Color
Hex	CD7BBD
RGB	205, 123, 189
RGB Percent	80%, 48%, 74%
CMY	0.1958, 0.5178, 0.2588
CMYK	0.00, 0.40, 0.08, 0.20
HSL	312°, 45%, 64%
HSV	312°, 40%, 80%
XYZ	41.4591, 30.8199, 51.9163
YIQ	155.0420, 27.6860, 37.9100

Conversions

Conversions Part 2

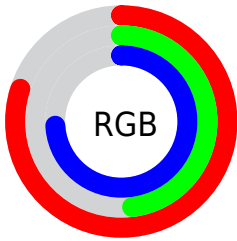
Format	Color
R _Y B	205, 123, 189
Decimal	13466557
CIE Lab	62.36, 41.46, -21.15
CIE LCh	62, 46.542, 332.970
Yxy	30.8199, 0.3338, 0.2482
Android (android.graphics.Color)	4291656637 (0xFFCD7BBD)
YUV	155.0420, 16.7413, 43.8132
Hunter-Lab	55.5157, 36.1514, -16.5850

Details

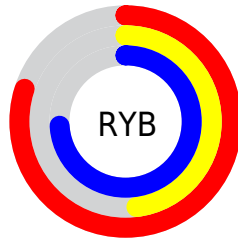
The YIQ color **155.0420, 27.6860, 37.9100** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **172.9580, -27.6860, -37.9100**, and the grayscale version is **155.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **208.0740, 24.6600, 37.6840**, and **101.7320, 25.6230, 36.7510** is the 20% darker color. If you saturate the color by 10%, you get **142.2590, 34.7450, 47.6490**, and if you desaturate by 10%, it is **167.2380, 20.9020, 28.6940**.

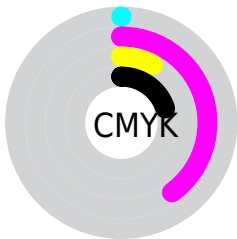
Distribution



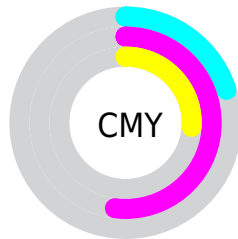
- Red (80%)
- Green (48%)
- Blue (74%)



- Red (80%)
- Yellow (48%)
- Blue (74%)



- Cyan (0%)
- Magenta (40%)
- Yellow (8%)
- Black (20%)



- Cyan (20%)
- Magenta (52%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 155.0420, 27.6860, 37.9100 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 155.0420, 27.6860, 37.9100 by changing the saturation by 10% instead.

155.0420, 27.6860,
37.9100

155.0420, 27.6860,
37.9100

255.0000, -0.0000,
-0.0000

128.3300, 26.8150,
37.1750

208.0740, 24.6600,
37.6840

101.7320, 25.6230,
36.7510

225.6500, 13.7500,
26.1500

76.0200, 24.7520,
36.0160

242.6730, 5.7750,
10.9830

49.6610, 24.3850,
37.1610

28.2970, 22.4140,
34.3340

18.9120, 15.7680,
22.6160

5.9390, 1.9700,

8.3540

■ 0.0000, 0.0000,
0.0000

■ 155.0420, 27.6860,
37.9100

■ 155.0420, 27.6860,
37.9100

■ 142.2590, 34.7450,
47.6490

■ 167.2380, 20.9020,
28.6940

■ 130.0630, 41.5290,
56.8650

■ 180.0210, 13.8430,
18.9550

■ 117.2800, 48.5880,
66.6040

■ 192.2170, 7.0590,
9.7390

■ 105.0840, 55.3720,
75.8200

■ 205.0000, -0.0000,
0.0000

■ 92.3010, 62.4310,
85.5590

■ 217.7830, -7.0590,
-9.7390

80.1050, 69.2150,
94.7750

229.9790,
-13.8430, -18.9550

235.7180,
-17.6020, -22.4180

236.1740,
-18.8860, -21.1740

236.6300,
-20.1700, -19.9300

Harmonies

Analogous

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



153.6270, -13.8060, 29.9540



155.0420, 27.6860, 37.9100



152.8370, 55.8840, 33.4840

Triad

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



155.0420, 27.6860, 37.9100



146.5890, 39.8010, -21.9830



122.4930, -109.2990, -29.0990

Complementary

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



155.0420, 27.6860, 37.9100



172.9580, -27.6860, -37.9100

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.



118.5200, -96.7340, -42.0620



155.0420, 27.6860, 37.9100



141.7850, 6.6540, -32.4980

Square

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



155.0420, 27.6860, 37.9100



149.3180, 60.3380, -3.1980



133.7980, -38.9190, -38.0790



122.3910, -117.2790, -16.6310

Rectangle

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



155.0420, 27.6860, 37.9100



151.2320, 64.5970, 24.2530



133.7980, -38.9190, -38.0790



121.1250, -105.4470, -32.8310

Sweetspot

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



155.0420, 27.6860, 37.9100



236.1190, 10.4510, 14.3470



136.8330, -17.3820, 28.6820



116.9780, 6.2340, 8.1700



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.



155.0420, 27.6860, 37.9100



180.6500, 41.2540, 56.3420



150.4820, 40.5260, 25.4700



95.9020, 3.3920, 4.6080



64.7960, 56.2430, 76.5550



14.8960, 12.6970, 17.6970

Inverse Universe

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



155.0420, 27.6860, 37.9100



180.6500, 41.2540, 56.3420



177.5180, -40.5260, -25.4700



95.9020, 3.3920, 4.6080



64.7960, 56.2430, 76.5550



14.8960, 12.6970, 17.6970

Previews

White Background



This preview shows how the YIQ color 155.0420, 27.6860, 37.9100 looks on a white background.

Color Contrast Check

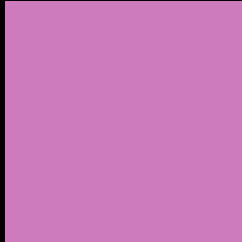
Large Text (above 18pt) WCAG AA × Fail

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 155.0420, 27.6860, 37.9100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

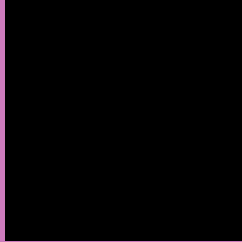
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 155.0420, 27.6860, 37.9100

Background



This preview shows how black text looks on a background with the YIQ color 155.0420, 27.6860, 37.9100.



This preview shows how white text looks on a background with the YIQ color 155.0420, 27.6860,

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

155.0420, 27.6860, 37.9100

Protanopia

151.2410, -27.8790, 15.1690

Deuteranopia

152.5170, -11.2810, 11.7190



Tritanopia

153.1730, 36.7220, 17.3140

Trichromacy



Original Color

155.0420, 27.6860, 37.9100



Protanomaly

152.9340, -7.6610, 23.2110



Deuteranomaly

153.3280, 2.7930, 20.9770



Tritanomaly

153.9480, 33.2820, 24.5940

Monochromacy



Original Color

155.0420, 27.6860, 37.9100



Achromatopsia

155.0000, -0.0000, 0.0000



Achromatomaly

154.7060, 10.1760, 13.8240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 155.0420, 27.6860, 37.9100 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(205, 123, 189)` looks like.

```
.text, #text, p{  
    color:rgb(205, 123, 189)  
}
```

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(205, 123, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 123, 189) }
```

Border

The CSS property to change the border of an element to YIQ 155.0420, 27.6860, 37.9100 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(205, 123, 189) }
```


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

```
.border{ border-color:rgb(205, 123, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 123, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 123, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 123, 189); box-shadow:4px 4px 4px 4px rgb(205, 123, 189) }
```

Background

The CSS property to change the background color of an element to YIQ 155.0420, 27.6860, 37.9100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 123, 189) }
```

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

```
.background{ background-color: rgb(205,  
123, 189) }
```

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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