

Converting Colors

YIQ(153.6220, 37.3160, 28.5800)

Have a look what the booklet for
YIQ(153.6220, 37.3160, 28.5800)
contains.

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Color

**YIQ(153.6220, 37.3160,
28.5800)**

Conversions

Conversions Part 1

Format	Color
Hex	CF7DA1
RGB	207, 125, 161
RGB Percent	81%, 49%, 63%
CMY	0.1880, 0.5099, 0.3685
CMYK	0.00, 0.40, 0.22, 0.19
HSL	334°, 46%, 65%
HSV	334°, 40%, 81%
XYZ	39.5126, 30.5062, 37.5381
YIQ	153.6220, 37.3160, 28.5800

Conversions

Conversions Part 2

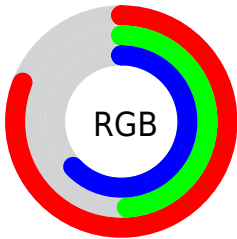
Format	Color
R_{YB}	207, 125, 161
Decimal	13598113
CIE Lab	62.09, 36.58, -5.60
CIE LCh	62, 37.004, 351.291
Yxy	30.5062, 0.3674, 0.2836
Android (android.graphics.Color)	4291788193 (0xFFCF7DA1)
YUV	153.6220, 3.6374, 46.8125
Hunter-Lab	55.2324, 31.0400, -1.6331

Details

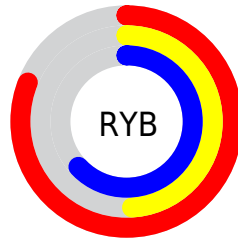
The YIQ color **153.6220, 37.3160, 28.5800** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **178.3780, -37.3160, -28.5800**, and the grayscale version is **154.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **205.9420, 33.4190, 27.6190**, and **101.1270, 34.3360, 27.5200** is the 20% darker color. If you saturate the color by 10%, you get **139.9270, 46.9430, 35.8310**, and if you desaturate by 10%, it is **167.3170, 27.6890, 21.3290**.

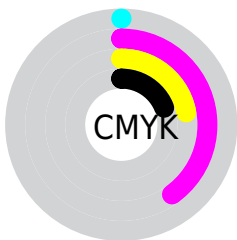
Distribution



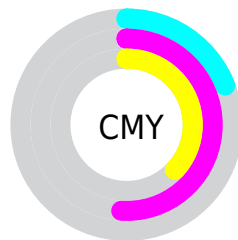
- Red (81%)
- Green (49%)
- Blue (63%)



- Red (81%)
- Yellow (49%)
- Blue (63%)



- Cyan (0%)
- Magenta (40%)
- Yellow (22%)
- Black (19%)





- Cyan (19%)
- Magenta (51%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 153.6220, 37.3160, 28.5800 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 153.6220, 37.3160, 28.5800 by changing the saturation by 10% instead.


 153.6220, 37.3160,
28.5800


 153.6220, 37.3160,
28.5800


255.0000, -0.0000,
-0.0000

 127.0240, 36.1240,
28.1560


 205.9420, 33.4190,
27.6190


 101.1270, 34.3360,
27.5200


 225.5700, 16.7310,
21.6830

 75.5290, 33.1440,
27.0960

 243.2600, 5.5000,
10.4600

 49.5720, 31.5850,
27.8170

 26.0880, 30.0720,
27.7040

 16.9310, 22.7840,
16.6080

 1.7940, 3.5760,

1.2720

■ 0.0000, 0.0000,
0.0000

■ 153.6220, 37.3160,
28.5800

■ 153.6220, 37.3160,
28.5800

■ 139.9270, 46.9430,
35.8310

■ 167.3170, 27.6890,
21.3290

■ 126.9330, 55.9740,
42.8700

■ 180.3110, 18.6580,
14.2900

■ 113.2380, 65.6010,
50.1210


■ 194.0060, 9.0310,
7.0390


■ 99.6570, 74.9070,
57.6830


■ 207.5870, -0.2750,
-0.5230


■ 85.9620, 84.5340,
64.9340


■ 220.6950, -9.6270,
-7.2510


 72.8540, 93.8860,
71.6620

 234.3900,
-19.2540, -14.5020

 72.2670, 94.1610,
72.1850

 239.1660,
-24.4350, -14.2190

 240.5340,
-28.2870, -10.4870

 240.6480,
-28.6080, -10.1760

Harmonies

Analogous

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



154.2630, 10.5860, 28.4260



153.6220, 37.3160, 28.5800



151.9530, 52.0810, 19.8010

Triad

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



153.6220, 37.3160, 28.5800



145.2690, 17.3350, -22.3210



119.0680, -109.3000, -23.5720

Complementary

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



153.6220, 37.3160, 28.5800



178.3780, -37.3160, -28.5800

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.



117.7510, -101.4580, -33.5380



153.6220, 37.3160, 28.5800



140.8830, -13.9330, -28.3410

Square

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



153.6220, 37.3160, 28.5800



148.6250, 40.1200, -11.2400



133.0110, -52.4000, -30.5440



140.4860, -62.7220, 2.3500

Rectangle

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



153.6220, 37.3160, 28.5800



150.8140, 53.5500, 9.6940



133.0110, -52.4000, -30.5440



118.7430, -107.0070, -26.5830

Sweetspot

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



153.6220, 37.3160, 28.5800



234.8650, 13.9820, 10.9260



147.8030, 0.4980, 35.0420



116.1800, 8.4810, 5.9930



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.



153.6220, 37.3160, 28.5800



175.5200, 55.6990, 42.3470



151.8660, 47.7720, 15.2920



97.8590, 4.9510, 3.8870



58.6680, 76.3740, 58.6300



14.3110, 18.6580, 14.2900

Inverse Universe

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



153.6220, 37.3160, 28.5800



175.5200, 55.6990, 42.3470



180.1340, -47.7720, -15.2920



97.8590, 4.9510, 3.8870



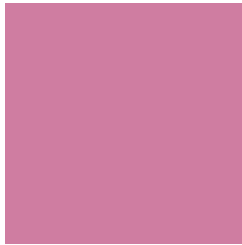
58.6680, 76.3740, 58.6300



14.3110, 18.6580, 14.2900

Previews

White Background



This preview shows how the YIQ color 153.6220, 37.3160, 28.5800 looks on a white background.

Color Contrast Check

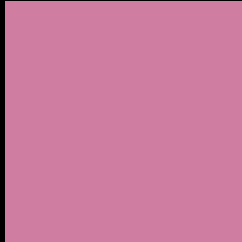
Large Text (above 18pt) WCAG AA × Fail

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 153.6220, 37.3160, 28.5800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

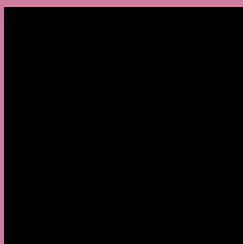
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 153.6220, 37.3160, 28.5800

Background



This preview shows how black text looks on a background with the YIQ color 153.6220, 37.3160, 28.5800.



This preview shows how white text looks on a background with the YIQ color 153.6220, 37.3160,

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

153.6220, 37.3160, 28.5800

Protanopia

150.8820, -11.0510, 7.5490

Deuteranopia

152.0380, 6.0050, 6.8130



Tritanopia

152.8640, 42.0860, 19.2220

Trichromacy



Original Color

153.6220, 37.3160, 28.5800

Protanomaly

151.9060, 6.7370, 15.5770

Deuteranomaly

152.2400, 17.4200, 14.7000

Tritanomaly

153.4880, 40.3890, 22.4450

Monochromacy



Original Color

153.6220, 37.3160, 28.5800

Achromatopsia

154.0000, -0.0000, -0.0000

Achromatomaly

153.5660, 13.3860, 10.7140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 153.6220, 37.3160, 28.5800 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(207, 125, 161)` looks like.

```
.text, #text, p{  
    color:rgb(207, 125, 161)  
}
```

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(207, 125, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 125, 161) }
```

Border

The CSS property to change the border of an element to YIQ 153.6220, 37.3160, 28.5800 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(207, 125, 161) }
```


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

```
.border{ border-color:rgb(207, 125, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 125, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 125, 161); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 125, 161); box-shadow:4px 4px 4px 4px rgb(207, 125, 161) }
```

Background

The CSS property to change the background color of an element to YIQ 153.6220, 37.3160, 28.5800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 125, 161) }
```

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

```
.background{ background-color: rgb(207,  
125, 161) }
```

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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