

Converting Colors

YIQ(156.0690, 32.2240, 43.7760)

Have a look what the booklet for
YIQ(156.0690, 32.2240, 43.7760)
contains.

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Color

**YIQ(156.0690, 32.2240,
43.7760)**

Conversions

Conversions Part 1

Format	Color
Hex	D677C3
RGB	214, 119, 195
RGB Percent	84%, 47%, 76%
CMY	0.1605, 0.5335, 0.2352
CMYK	0.00, 0.44, 0.09, 0.16
HSL	312°, 54%, 65%
HSV	312°, 44%, 84%
XYZ	44.1963, 31.4318, 55.3777
YIQ	156.0690, 32.2240, 43.7760

Conversions

Conversions Part 2

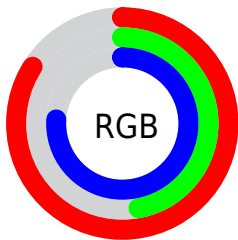
Format	Color
R _{YB}	214, 119, 195
Decimal	14055363
CIE _{Lab}	62.87, 47.41, -23.66
CIE _{LCh}	63, 52.982, 333.475
Yxy	31.4318, 0.3374, 0.2399
Android (android.graphics.Color)	4292245443 (0xFFD677C3)
YUV	156.0690, 19.1930, 50.8055
Hunter-Lab	56.0640, 42.6028, -19.3194

Details

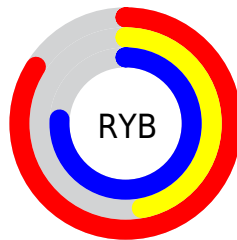
The YIQ color $156.0690, 32.2240, 43.7760$ is a light color, and the websafe version is hex $CC66CC$. A complement of this color would be $176.9310, -32.2240, -43.7760$, and the grayscale version is $156.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $206.5240, 23.5130, 41.9530$, and $101.7590, 30.1610, 42.6170$ is the 20% darker color. If you saturate the color by 10%, you get $143.2860, 39.2830, 53.5150$, and if you desaturate by 10%, it is $168.8520, 25.1650, 34.0370$.

Distribution



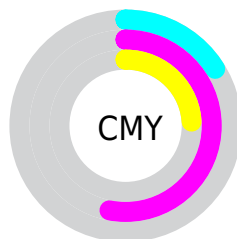
- Red (84%)
- Green (47%)
- Blue (76%)



- Red (84%)
- Yellow (47%)
- Blue (76%)



- Cyan (0%)
- Magenta (44%)
- Yellow (9%)
- Black (16%)



- Cyan (16%)
- Magenta (53%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 156.0690, 32.2240, 43.7760 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 156.0690, 32.2240, 43.7760 by changing the saturation by 10% instead.

156.0690, 32.2240,
43.7760

156.0690, 32.2240,
43.7760

255.0000, -0.0000,
-0.0000

129.0580, 30.7570,
42.8290

206.5240, 23.5130,
41.9530

101.7590, 30.1610,
42.6170

223.8890, 14.5750,
27.7190

75.4600, 29.5650,
42.4050

240.3250, 6.8750,
13.0750

44.1060, 30.8020,
47.5220

30.6610, 24.3850,
37.1610

20.9770, 17.1430,
25.2310

9.7980, 6.9210,

12.2410

■ 0.0000, 0.0000,
0.0000

■ 156.0690, 32.2240,
43.7760

■ 156.0690, 32.2240,
43.7760

■ 143.2860, 39.2830,
53.5150

■ 168.8520, 25.1650,
34.0370

■ 129.8020, 46.9380,
63.4660

■ 182.3360, 17.5100,
24.0860

■ 117.0190, 53.9970,
73.2050

■ 195.1190, 10.4510,
14.3470

■ 103.6490, 61.3310,
83.4670

■ 208.4890, 3.1170,
4.0850

■ 90.8660, 68.3900,
93.2060

■ 221.2720, -3.9420,
-5.6540

83.4800, 72.6530,
98.5490

234.1690,
-11.3220, -15.0820

239.3210,
-14.8060, -18.0220

239.7770,
-16.0900, -16.7780

240.3470,
-17.6950, -15.2230

Harmonies

Analogous

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



155.1910, -15.2740, 34.5340



156.0690, 32.2240, 43.7760



152.6040, 64.0900, 38.9540

Triad

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



156.0690, 32.2240, 43.7760



146.2920, 44.8910, -26.1250



125.2800, -113.0130, -27.8690

Complementary

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



156.0690, 32.2240, 43.7760



176.9310, -32.2240, -43.7760

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.



120.5090, -98.2010, -43.0090



156.0690, 32.2240, 43.7760



141.5090, 7.2510, -37.8130

Square

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



156.0690, 32.2240, 43.7760



149.3850, 67.3990, -4.5130



129.7210, -49.1880, -44.7080



125.5200, -121.9560, -14.4680

Rectangle

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



156.0690, 32.2240, 43.7760



151.1300, 73.8120, 27.9560



129.7210, -49.1880, -44.7080



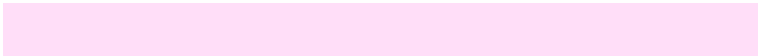
124.1570, -108.4730, -33.0570

Sweetspot

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



156.0690, 32.2240, 43.7760



234.8310, 11.3220, 15.0820



135.5110, -19.1710, 33.5730



115.1030, 7.3800, 9.4280



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.



156.0690, 32.2240, 43.7760



172.6770, 45.7920, 62.2080



150.5970, 47.6320, 28.8480



100.3150, 3.6670, 5.1310



66.7470, 57.9390, 78.8590



16.8470, 14.3930, 20.0010

Inverse Universe

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



156.0690, 32.2240, 43.7760



172.6770, 45.7920, 62.2080



182.4030, -47.6320, -28.8480



100.3150, 3.6670, 5.1310



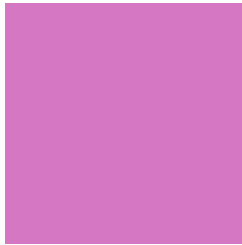
66.7470, 57.9390, 78.8590



16.8470, 14.3930, 20.0010

Previews

White Background



This preview shows how the YIQ color 156.0690, 32.2240, 43.7760 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 156.0690, 32.2240, 43.7760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

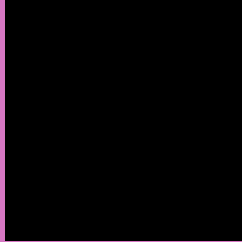
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 156.0690, 32.2240, 43.7760

Background



This preview shows how black text looks on a background with the YIQ color 156.0690, 32.2240, 43.7760.



This preview shows how white text looks on a background with the YIQ color 156.0690, 32.2240,

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

156.0690, 32.2240, 43.7760

Protanopia

152.1850, -33.4730, 17.4310

Deuteranopia

153.3750, -13.7570, 12.5390



Tritanopia

155.0490, 43.0030, 19.1230

Trichromacy



Original Color

156.0690, 32.2240, 43.7760

Protanomaly

153.6720, -9.6790, 26.7450

Deuteranomaly

154.3220, 2.9300, 24.0020

Tritanomaly

155.5790, 38.8750, 27.8590

Monochromacy



Original Color

156.0690, 32.2240, 43.7760

Achromatopsia

156.0000, -0.0000, -0.0000

Achromatomaly

156.2440, 11.5970, 15.6050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 156.0690, 32.2240, 43.7760 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(214, 119, 195)` looks like.

```
.text, #text, p{  
    color:rgb(214, 119, 195)  
}
```

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(214, 119, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 119, 195) }
```

Border

The CSS property to change the border of an element to YIQ 156.0690, 32.2240, 43.7760 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(214, 119, 195) }
```


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

```
.border{ border-color:rgb(214, 119, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 119, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 119, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 119, 195);  
box-shadow:4px 4px 4px 4px rgb(214, 119,  
195) }
```

Background

The CSS property to change the background color of an element to YIQ 156.0690, 32.2240, 43.7760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 119, 195) }
```

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

```
.background{ background-color: rgb(214,  
119, 195) }
```

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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