

Converting Colors

YIQ(161.8310, 56.0210, 36.5090)

Have a look what the booklet for
YIQ(161.8310, 56.0210, 36.5090)
contains.

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Color

**YIQ(161.8310, 56.0210,
36.5090)**

Conversions

Conversions Part 1

Format	Color
Hex	EE7BA2
RGB	238, 123, 162
RGB Percent	93%, 48%, 64%
CMY	0.0664, 0.5178, 0.3645
CMYK	0.00, 0.48, 0.32, 0.07
HSL	340°, 77%, 71%
HSV	340°, 48%, 93%
XYZ	48.8883, 34.9546, 38.3755
YIQ	161.8310, 56.0210, 36.5090

Conversions

Conversions Part 2

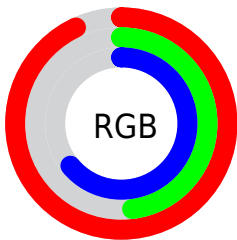
Format	Color
R _Y B	238, 123, 162
Decimal	15629218
CIE Lab	65.71, 48.40, -0.39
CIE LCh	66, 48.402, 359.540
Yxy	34.9546, 0.4000, 0.2860
Android (android.graphics.Color)	4293819298 (0xFFEE7BA2)
YUV	161.8310, 0.0833, 66.8002
Hunter-Lab	59.1224, 44.1373, 2.9015

Details

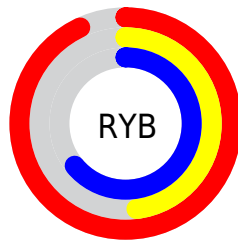
The YIQ color **161.8310, 56.0210, 36.5090** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **199.1690, -56.0210, -36.5090**, and the grayscale version is **162.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **205.4690, 33.3730, 28.4530**, and **107.2650, 51.8030, 35.8590** is the 20% darker color. If you saturate the color by 10%, you get **145.9190, 67.7570, 44.0850**, and if you desaturate by 10%, it is **177.7430, 44.2850, 28.9330**.

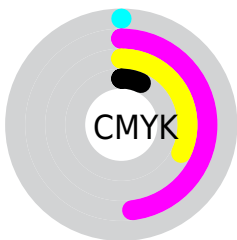
Distribution



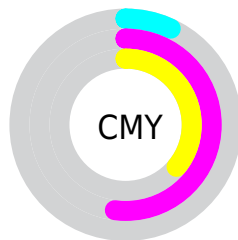
- Red (93%)
- Green (48%)
- Blue (64%)



- Red (93%)
- Yellow (48%)
- Blue (64%)



- Cyan (0%)
- Magenta (48%)
- Yellow (32%)
- Black (7%)





- Cyan (7%)
- Magenta (52%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 161.8310, 56.0210, 36.5090 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 161.8310, 56.0210, 36.5090 by changing the saturation by 10% instead.


 161.8310, 56.0210,
36.5090


 161.8310, 56.0210,
36.5090


255.0000, -0.0000,
-0.0000

 134.0480, 53.9120,
36.1840


 205.4690, 33.3730,
28.4530


 106.6780, 52.0780,
36.3820


 225.0970, 16.6850,
22.5170

 79.3080, 50.2440,
36.5800

 243.2600, 5.5000,
10.4600

 47.1820, 50.8390,
42.3190

 33.0790, 43.4590,
32.8910

 22.7260, 33.7870,
20.9470

 12.9710, 25.3070,

9.4270

■ 0.0000, 0.0000,
0.0000

■ 161.8310, 56.0210,
36.5090

■ 161.8310, 56.0210,
36.5090

■ 145.9190, 67.7570,
44.0850

■ 177.7430, 44.2850,
28.9330

■ 130.1210, 79.1720,
51.9720

■ 193.5410, 32.8700,
21.0460

■ 114.7960, 90.6330,
59.0250

■ 208.8660, 21.4090,
13.9930

■ 98.8840, 102.3690,
66.6010

■ 224.7780, 9.6730,
6.4170

■ 82.9720, 114.1050,
74.1770

■ 240.6900, -2.0630,
-1.1590

■ 80.3960, 115.8470,
75.6470

■ 249.9170,
-10.1320, -3.6040

Harmonies

Analogous

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



164.1280, 24.5680, 39.3520



161.8310, 56.0210, 36.5090



159.5760, 69.3200, 21.2560

Triad

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



161.8310, 56.0210, 36.5090



151.4820, 11.8810, -33.6150



129.4010, -123.2390, -18.7510

Complementary

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



161.8310, 56.0210, 36.5090



199.1690, -56.0210, -36.5090

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.



129.1610, -114.2960, -32.1520



161.8310, 56.0210, 36.5090



143.1960, -34.2880, -39.4080

Square

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



161.8310, 56.0210, 36.5090



155.7530, 45.2110, -20.9090



124.2590, -100.4930, -45.5250



147.6340, -77.5780, 7.2700

Rectangle

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



161.8310, 56.0210, 36.5090



158.8340, 67.9930, 6.7530



124.2590, -100.4930, -45.5250



130.1360, -121.1750, -23.1190

Sweetspot

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



161.8310, 56.0210, 36.5090



229.8440, 18.4750, 12.0990



158.5350, 7.7850, 51.6650



112.6750, 11.4610, 7.0530



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.



161.8310, 56.0210, 36.5090



156.9520, 72.1580, 46.9260



167.3640, 63.8650, 15.4890



112.0440, 5.8680, 3.7880



62.0840, 89.7620, 58.2900



18.9100, 27.2770, 17.7810

Inverse Universe

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



161.8310, 56.0210, 36.5090



156.9520, 72.1580, 46.9260



193.6360, -63.8650, -15.4890



112.0440, 5.8680, 3.7880



62.0840, 89.7620, 58.2900



18.9100, 27.2770, 17.7810

Previews

White Background



This preview shows how the YIQ color 161.8310, 56.0210, 36.5090 looks on a white background.

Color Contrast Check

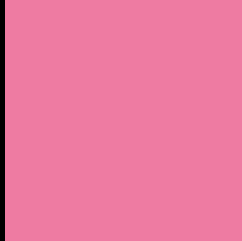
Large Text (above 18pt) WCAG AA × Fail

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 161.8310, 56.0210, 36.5090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

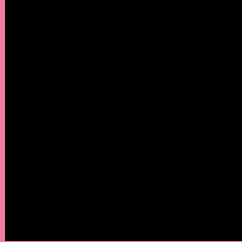
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 161.8310, 56.0210, 36.5090

Background



This preview shows how black text looks on a background with the YIQ color 161.8310, 56.0210, 36.5090.



This preview shows how white text looks on a background with the YIQ color 161.8310, 56.0210,

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

161.8310, 56.0210, 36.5090

Protanopia

160.9530, -9.8130, 7.1390

Deuteranopia

161.8060, 12.4700, 5.2860



Tritanopia

161.3180, 61.4790, 25.6950

Trichromacy



Original Color

161.8310, 56.0210, 36.5090

Protanomaly

161.3800, 14.2100, 17.8100

Deuteranomaly

161.5680, 28.2400, 16.8480

Tritanomaly

161.4690, 59.7360, 29.7520

Monochromacy



Original Color

161.8310, 56.0210, 36.5090

Achromatopsia

162.0000, -0.0000, 0.0000

Achromatomaly

162.1540, 20.5380, 13.2580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 161.8310, 56.0210, 36.5090 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(238, 123, 162)` looks like.

```
.text, #text, p{  
    color:rgb(238, 123, 162)  
}
```

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(238, 123, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 123, 162) }
```

Border

The CSS property to change the border of an element to YIQ 161.8310, 56.0210, 36.5090 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(238, 123, 162) }
```


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

```
.border{ border-color:rgb(238, 123, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 123, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 123, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 123, 162);  
box-shadow:4px 4px 4px 4px rgb(238, 123,  
162) }
```

Background

The CSS property to change the background color of an element to YIQ 161.8310, 56.0210, 36.5090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 123, 162) }
```

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

```
.background{ background-color: rgb(238,  
123, 162) }
```

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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