

Converting Colors

YIQ(108.6250, 87.1010, 67.9730)

Have a look what the booklet for
YIQ(108.6250, 87.1010, 67.9730)
contains.

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Color

**YIQ(108.6250, 87.1010,
67.9730)**

Conversions

Conversions Part 1

Format	Color
Hex	EA2980
RGB	234, 41, 128
RGB Percent	92%, 16%, 50%
CMY	0.0818, 0.8395, 0.4978
CMYK	0.00, 0.83, 0.45, 0.08
HSL	333°, 82%, 54%
HSV	333°, 83%, 92%
XYZ	38.6658, 20.6553, 22.3955
YIQ	108.6250, 87.1010, 67.9730

Conversions

Conversions Part 2

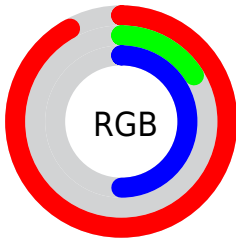
Format	Color
R_{YB}	234, 41, 128
Decimal	15346048
CIE _{Lab}	52.57, 74.92, 0.17
CIE _{LCh}	53, 74.921, 0.127
Yxy	20.6553, 0.4732, 0.2528
Android (android.graphics.Color)	4293536128 (0xFFEA2980)
YUV	108.6250, 9.5519, 109.9539
Hunter-Lab	45.4481, 72.3281, 2.5972

Details

The YIQ color **108.6250, 87.1010, 67.9730** is a dark color, and the websafe version is hex **CC0066**. The color can be described as middle washed rose. A complement of this color would be **166.3750, -87.1010, -67.9730**, and the grayscale version is **108.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **160.8620, 63.9040, 53.3440**, and **60.4340, 77.1530, 61.0330** is the 20% darker color. If you saturate the color by 10%, you get **93.6420, 97.5990, 75.9590**, and if you desaturate by 10%, it is **123.6080, 76.6030, 59.9870**.

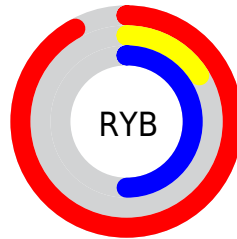
Distribution



Red (92%)

Green (16%)

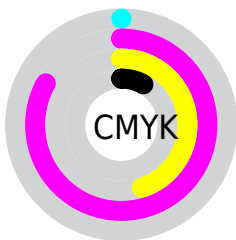
Blue (50%)



Red (92%)

Yellow (16%)

Blue (50%)

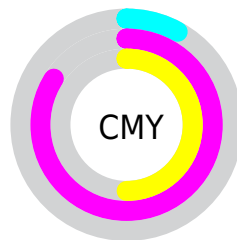


Cyan (0%)

Magenta (83%)

Yellow (45%)

Black (8%)



Cyan (8%)


Magenta (84%)

Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 108.6250, 87.1010, 67.9730 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 108.6250, 87.1010, 67.9730 by changing the saturation by 10% instead.


 108.6250, 87.1010,
67.9730


 108.6250, 87.1010,
67.9730


255.0000, -0.0000,
-0.0000


 72.4390, 87.9250,
75.0690


 160.8620, 63.9040,
53.3440


 60.4340, 77.1530,
61.0330


 181.5500, 46.9870,
46.0510

 48.9560, 66.3350,
47.8310


 202.3520, 29.7490,
39.0690

 37.2930, 54.6000,
34.7280

 222.1280, 15.4000,
29.2880

 26.2990, 45.2950,
21.6390

 239.7380, 7.1500,
13.5980

 15.7760, 30.3500,
11.6460

 0.0000, 0.0000,

0.0000

■ 108.6250, 87.1010,
67.9730

■ 108.6250, 87.1010,
67.9730

■ 93.6420, 97.5990,
75.9590

■ 123.6080, 76.6030,
59.9870

■ 82.0500, 105.4380,
82.5740

■ 139.1780, 65.8300,
51.4780

■ 154.1610, 55.3320,
43.4920

■ 169.6170, 44.8800,
34.6720

■ 184.6000, 34.3820,
26.6860

■ 199.5830, 23.8840,
18.7000

■ 215.1530, 13.1110,
10.1910

■ 230.1360, 2.6130,
2.2050

■ 245.7060, -8.1600,
-6.3040

Harmonies

Analogous

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



123.5500, 38.9600, 64.8800



108.6250, 87.1010, 67.9730



111.6990, 100.3110, 37.8070

Triad

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



108.6250, 87.1010, 67.9730



108.1930, 13.3520, -54.7760



113.8940, -116.7770, -3.6970

Complementary

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



108.6250, 87.1010, 67.9730



166.3750, -87.1010, -67.9730

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.



111.3570, -102.7440, -21.2400



108.6250, 87.1010, 67.9730



93.8470, -58.9510, -60.5110

Square

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



108.6250, 87.1010, 67.9730



117.6490, 56.7670, -32.1050



103.9470, -81.8790, -41.4550



107.7280, -118.7050, 9.2230

Rectangle

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



108.6250, 87.1010, 67.9730



115.9760, 96.8320, 7.2320



103.9470, -81.8790, -41.4550



113.5860, -113.1540, -8.7860

Sweetspot

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



108.6250, 87.1010, 67.9730



213.4420, 28.8350, 22.5870



93.7990, -0.5650, 81.8590



102.7130, 17.4660, 13.8660



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.



108.6250, 87.1010, 67.9730



91.2300, 113.9190, 88.5670



102.2290, 113.3780, 37.7780



109.8590, 4.9510, 3.8870



63.4670, 81.5540, 63.8740



18.8820, 24.4800, 18.9120

Inverse Universe

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



108.6250, 87.1010, 67.9730



91.2300, 113.9190, 88.5670



172.7710, -113.3780, -37.7780



109.8590, 4.9510, 3.8870



63.4670, 81.5540, 63.8740



18.8820, 24.4800, 18.9120

Previews

White Background



This preview shows how the YIQ color 108.6250, 87.1010, 67.9730 looks on a white background.

Color Contrast Check

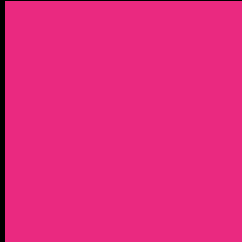
Large Text (above 18pt) WCAG AA ✓ Pass

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 108.6250, 87.1010, 67.9730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

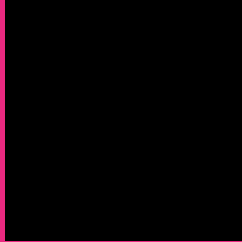
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 108.6250, 87.1010, 67.9730

Background



This preview shows how black text looks on a background with the YIQ color 108.6250, 87.1010, 67.9730.



This preview shows how white text looks on a background with the YIQ color 108.6250, 87.1010,

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

108.6250, 87.1010, 67.9730

Protanopia

125.8560, -25.3570, 13.5150

Deuteranopia

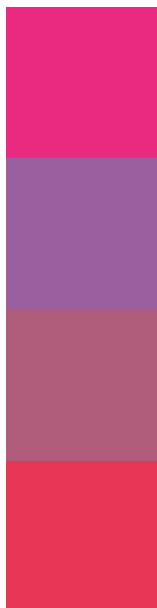
127.3390, 12.2870, 3.0950



Tritanopia

112.7590, 100.0820, 36.4500

Trichromacy



Original Color

108.6250, 87.1010, 67.9730

Protanomaly

119.6490, 15.4910, 33.1470

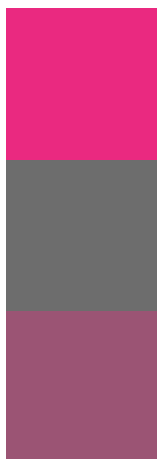
Deuteranomaly

120.8240, 39.5630, 26.4030

Tritanomaly

110.9840, 95.4950, 47.9990

Monochromacy



Original Color

108.6250, 87.1010, 67.9730

Achromatopsia

109.0000, -0.0000, 0.0000

Achromatomaly

108.8770, 32.0440, 25.0040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 108.6250, 87.1010, 67.9730 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(234, 41, 128)` looks like.

```
.text, #text, p{  
    color:rgb(234, 41, 128)  
}
```

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(234, 41, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 41, 128) }
```

Border

The CSS property to change the border of an element to YIQ 108.6250, 87.1010, 67.9730 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(234, 41, 128) }
```


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

```
.border{ border-color:rgb(234, 41, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 41, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 41, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 41, 128);  
box-shadow:4px 4px 4px 4px rgb(234, 41,  
128) }
```

Background

The CSS property to change the background color of an element to YIQ 108.6250, 87.1010, 67.9730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 41, 128) }
```

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

```
.background{ background-color: rgb(234, 41,  
128) }
```

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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