

Converting Colors

YIQ(85.3630, 102.2780, 62.7420)

Have a look what the booklet for
YIQ(85.3630, 102.2780, 62.7420)
contains.

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Color

**YIQ(85.3630, 102.2780,
62.7420)**

Conversions

Conversions Part 1

Format	Color
Hex	DE114F
RGB	222, 17, 79
RGB Percent	87%, 7%, 31%
CMY	0.1289, 0.9335, 0.6898
CMYK	0.00, 0.92, 0.64, 0.13
HSL	342°, 86%, 47%
HSV	342°, 92%, 87%
XYZ	31.7791, 16.5149, 8.9273
YIQ	85.3630, 102.2780, 62.7420

Conversions

Conversions Part 2

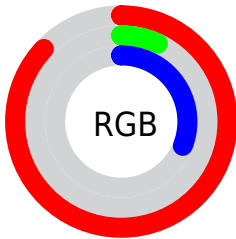
Format	Color
RYB	222, 17, 79
Decimal	14553423
CIELab	47.64, 72.71, 22.84
CIElCh	48, 76.214, 17.441
Yxy	16.5149, 0.5554, 0.2886
Android (android.graphics.Color)	4292743503 (0xFFDE114F)
YUV	85.3630, -3.1370, 119.8306
Hunter-Lab	40.6385, 68.4685, 15.4223

Details

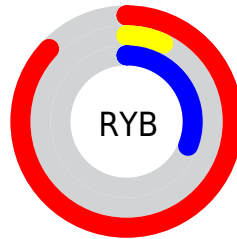
The YIQ color **85.3630, 102.2780, 62.7420** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **153.6370, -102.2780, -62.7420**, and the grayscale version is **85.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **146.6020, 84.7670, 44.1830**, and **51.6450, 83.2080, 44.9040** is the 20% darker color. If you saturate the color by 10%, you get **74.0160, 110.8050, 67.9010**, and if you desaturate by 10%, it is **100.1010, 91.0920, 56.2120**.

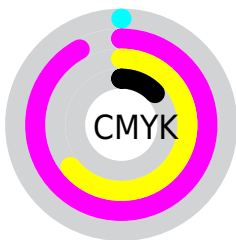
Distribution



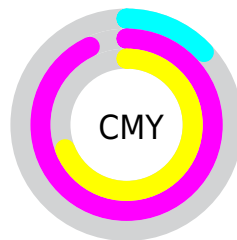
- Red (87%)
- Green (7%)
- Blue (31%)



- Red (87%)
- Yellow (7%)
- Blue (31%)



- Cyan (0%)
- Magenta (92%)
- Yellow (64%)
- Black (13%)





- Cyan (13%)
- Magenta (93%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 85.3630, 102.2780, 62.7420 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 85.3630, 102.2780, 62.7420 by changing the saturation by 10% instead.


 85.3630, 102.2780,
62.7420


 85.3630, 102.2780,
62.7420


255.0000, -0.0000,
-0.0000


 63.3080, 94.9430,
58.0070


 146.6020, 84.7670,
44.1830


 51.6450, 83.2080,
44.9040


 167.1760, 68.1710,
36.5790


 40.0960, 71.1520,
32.1120


 187.7500, 51.5750,
28.9750

 28.9320, 56.5740,
20.9740

 207.9650, 34.6120,
22.5160

 20.3750, 38.9690,
15.1370

 228.7670, 17.3740,
15.5340

 9.9810, 19.3470,
7.3070

 248.5430, 3.0250,

 0.0000, 0.0000,

5.7530

0.0000

■ 85.3630, 102.2780,
62.7420

■ 85.3630, 102.2780,
62.7420

■ 74.0160, 110.8050,
67.9010

■ 100.1010, 91.0920,
56.2120

■ 114.7250, 80.2270,
49.3710

■ 130.0500, 68.7660,
42.3180

■ 144.6740, 57.9010,
35.4770

■ 159.4120, 46.7150,
28.9470

■ 174.0360, 35.8500,
22.1060

■ 188.6600, 24.9850,
15.2650

■ 203.9850, 13.5240,
8.2120

■ 218.6090, 2.6590,
1.3710

Harmonies

Analogous

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



92.8920, 73.5280, 77.1760



85.3630, 102.2780, 62.7420



100.8670, 98.7570, 10.8930

Triad

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



85.3630, 102.2780, 62.7420



78.0710, -36.5750, -69.5590



103.0830, -112.5150, 7.1730

Complementary

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



85.3630, 102.2780, 62.7420



153.6370, -102.2780, -62.7420

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.



104.7180, -104.7180, -7.4860



85.3630, 102.2780, 62.7420



90.4680, -64.5930, -46.3610

Square

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



85.3630, 102.2780, 62.7420



101.8240, 28.1130, -41.4470



99.2800, -86.6500, -26.5700



90.5280, -106.0980, 17.5340

Rectangle

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



85.3630, 102.2780, 62.7420



105.7420, 79.2750, -10.4930



99.2800, -86.6500, -26.5700



104.6330, -111.3680, 2.9040

Sweetspot

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



85.3630, 102.2780, 62.7420



207.6230, 35.5750, 21.5830



82.2300, 17.6350, 93.4350



98.6380, 22.0510, 13.3710



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.



85.3630, 102.2780, 62.7420



85.0230, 127.2630, 78.0070



100.6010, 111.7300, 23.5860



104.6310, 5.5930, 3.2650



58.6660, 87.8830, 53.7950



16.0620, 23.7930, 14.8410

Inverse Universe

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



85.3630, 102.2780, 62.7420



85.0230, 127.2630, 78.0070



138.9860, -112.0050, -24.1090



104.6310, 5.5930, 3.2650



58.6660, 87.8830, 53.7950



16.0620, 23.7930, 14.8410

Previews

White Background



This preview shows how the YIQ color 85.3630, 102.2780, 62.7420 looks on a white 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

Black Background



This preview shows how the YIQ color 85.3630, 102.2780, 62.7420 looks on a black 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

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

YIQ 85.3630, 102.2780, 62.7420

Background



This preview shows how black text looks on a background with the YIQ color 85.3630, 102.2780, 62.7420.



This preview shows how white text looks on a background with the YIQ color 85.3630, 102.2780,

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

85.3630, 102.2780, 62.7420

Protanopia

114.7120, 0.8710, 0.7350

Deuteranopia

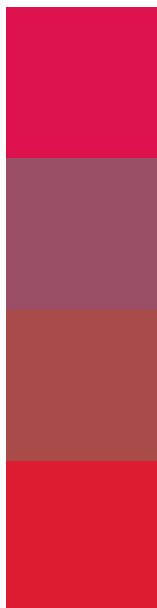
113.1110, 30.1240, -6.2920



Tritanopia

90.2720, 111.8190, 38.4990

Trichromacy



Original Color

85.3630, 102.2780, 62.7420

Protanomaly

104.3460, 37.9130, 23.2650

Deuteranomaly

103.4650, 56.3910, 18.7830

Tritanomaly

88.1010, 108.2870, 47.4470

Monochromacy



Original Color

85.3630, 102.2780, 62.7420

Achromatopsia

85.0000, -0.0000, 0.0000

Achromatomaly

85.0470, 37.3170, 23.0530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 85.3630, 102.2780, 62.7420 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(222, 17, 79)` looks like.

```
.text, #text, p{  
    color:rgb(222, 17, 79)  
}
```

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(222, 17, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 17, 79) }
```

Border

The CSS property to change the border of an element to YIQ 85.3630, 102.2780, 62.7420 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(222, 17, 79) }
```


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

```
.border{ border-color:rgb(222, 17, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 17, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 17, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 17, 79);  
box-shadow:4px 4px 4px 4px rgb(222, 17,  
79) }
```

Background

The CSS property to change the background color of an element to YIQ 85.3630, 102.2780, 62.7420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 17, 79) }
```

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

```
.background{ background-color: rgb(222, 17,  
79) }
```

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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