

Converting Colors

YIQ(118.3130, 78.2110, 41.8510)

Have a look what the booklet for
YIQ(118.3130, 78.2110, 41.8510)
contains.

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Color

**YIQ(118.3130, 78.2110,
41.8510)**

Conversions

Conversions Part 1

Format	Color
Hex	DB4667
RGB	219, 70, 103
RGB Percent	86%, 27%, 40%
CMY	0.1408, 0.7257, 0.5958
CMYK	0.00, 0.68, 0.53, 0.14
HSL	347°, 68%, 57%
HSV	347°, 68%, 86%
XYZ	33.8803, 20.4281, 15.0084
YIQ	118.3130, 78.2110, 41.8510

Conversions

Conversions Part 2

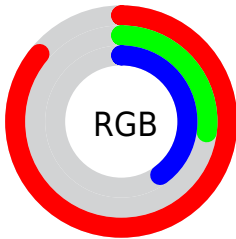
Format	Color
R_{YB}	219, 70, 103
Decimal	14370407
CIE Lab	52.32, 60.05, 14.48
CIE LCh	52, 61.766, 13.555
Yxy	20.4281, 0.4888, 0.2947
Android (android.graphics.Color)	4292560487 (0xFFDB4667)
YUV	118.3130, -7.5493, 88.3025
Hunter-Lab	45.1975, 54.7089, 11.9502

Details

The YIQ color **118.3130, 78.2110, 41.8510** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **170.6870, -78.2110, -41.8510**, and the grayscale version is **118.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **168.3500, 67.6210, 35.5330**, and **53.7400, 75.8710, 51.2230** is the 20% darker color. If you saturate the color by 10%, you get **103.4610, 89.7180, 48.0700**, and if you desaturate by 10%, it is **133.1650, 66.7040, 35.6320**.

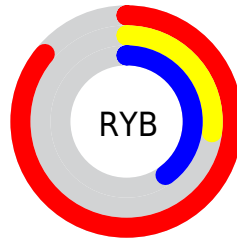
Distribution



Red (86%)

Green (27%)

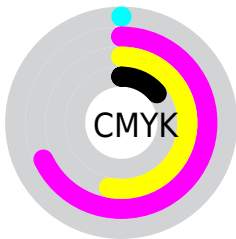
Blue (40%)



Red (86%)

Yellow (27%)

Blue (40%)

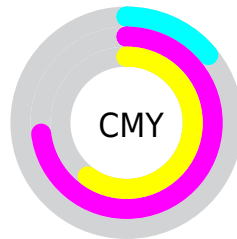


Cyan (0%)

Magenta (68%)

Yellow (53%)

Black (14%)



Cyan (14%)


Magenta (73%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 118.3130, 78.2110, 41.8510 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 118.3130, 78.2110, 41.8510 by changing the saturation by 10% instead.


 118.3130, 78.2110,
41.8510


 118.3130, 78.2110,
41.8510


255.0000, -0.0000,
-0.0000


 87.5240, 76.2390,
44.5510


 168.3500, 67.6210,
35.5330


 53.7400, 75.8710,
51.2230

 187.8640, 51.2540,
29.2860

 42.3760, 64.7320,
38.3320


 207.9650, 34.6120,
22.5160

 31.3110, 54.1890,
25.6530

 228.1800, 17.6490,
16.0570

 21.4570, 41.6740,
15.6740

 247.3690, 3.5750,
6.7990

 12.0740, 23.5190,
8.7910

 0.0000, 0.0000,

0.0000

■ 118.3130, 78.2110,
41.8510

■ 118.3130, 78.2110,
41.8510

■ 103.4610, 89.7180,
48.0700

■ 133.1650, 66.7040,
35.6320

■ 88.6090, 101.2250,
54.2890

■ 148.0170, 55.1970,
29.4130

■ 73.7570, 112.7320,
60.5080

■ 162.8690, 43.6900,
23.1940

■ 71.0670, 114.7950,
61.6670

■ 177.7210, 32.1830,
16.9750

■ 191.9860, 20.9510,
11.2790

■ 206.8380, 9.4440,
5.0600

■ 221.6900, -2.0630,
-1.1590

■ 236.5420,
-13.5700, -7.3780

■ 244.2360,
-21.4560, -7.6320

Harmonies

Analogous

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



123.1040, 51.4790, 52.7510



118.3130, 78.2110, 41.8510



119.2920, 81.5630, 14.1310

Triad

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



118.3130, 78.2110, 41.8510



106.7620, -12.8750, -47.5230



107.4710, -111.0920, -2.1000

Complementary

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



118.3130, 78.2110, 41.8510



170.6870, -78.2110, -41.8510

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.



108.7470, -103.6620, -15.6140



118.3130, 78.2110, 41.8510



96.8910, -70.2780, -47.9580

Square

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



118.3130, 78.2110, 41.8510



114.2830, 39.9420, -41.0660



104.3350, -88.4830, -31.8990



112.9580, -78.1300, 17.2780

Rectangle

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



118.3130, 78.2110, 41.8510



119.0560, 75.5150, -8.4290



104.3350, -88.4830, -31.8990



108.4340, -109.6700, -5.8460

Sweetspot

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



118.3130, 78.2110, 41.8510



220.5030, 26.8650, 14.2330



121.0720, 20.1150, 70.5070



107.0670, 16.2290, 8.7490



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.



118.3130, 78.2110, 41.8510



113.7350, 109.7980, 58.6140



138.0310, 77.8040, 10.6680



102.5170, 5.9140, 2.9540



56.1730, 90.5890, 48.8050



14.8940, 24.2060, 12.8620

Inverse Universe

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



118.3130, 78.2110, 41.8510



113.7350, 109.7980, 58.6140



150.9690, -77.8040, -10.6680



102.5170, 5.9140, 2.9540



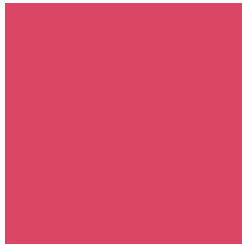
56.1730, 90.5890, 48.8050



14.8940, 24.2060, 12.8620

Previews

White Background



This preview shows how the YIQ color 118.3130, 78.2110, 41.8510 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 118.3130, 78.2110, 41.8510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

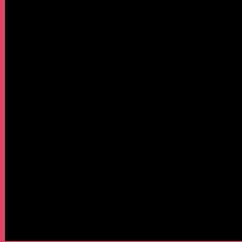
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 118.3130, 78.2110, 41.8510

Background



This preview shows how black text looks on a background with the YIQ color 118.3130, 78.2110, 41.8510.



This preview shows how white text looks on a background with the YIQ color 118.3130, 78.2110,

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

118.3130, 78.2110, 41.8510

Protanopia

125.9830, -1.3300, 2.0780

Deuteranopia

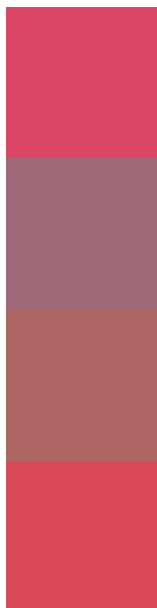
125.3370, 23.7960, -1.7400



Tritanopia

118.2130, 83.9440, 31.5600

Trichromacy



Original Color

118.3130, 78.2110, 41.8510

Protanomaly

123.2690, 27.6440, 16.6360

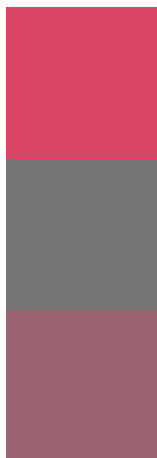
Deuteranomaly

122.8870, 43.2790, 14.1190

Tritanomaly

118.0650, 81.6050, 35.4050

Monochromacy



Original Color

118.3130, 78.2110, 41.8510

Achromatopsia

118.0000, 0.0000, -0.0000

Achromatomaly

118.5140, 28.3320, 15.1800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.3130, 78.2110, 41.8510 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(219, 70, 103)` looks like.

```
.text, #text, p{  
    color:rgb(219, 70, 103)  
}
```

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(219, 70, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 70, 103) }
```

Border

The CSS property to change the border of an element to YIQ 118.3130, 78.2110, 41.8510 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(219, 70, 103) }
```


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

```
.border{ border-color:rgb(219, 70, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 70, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 70, 103); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 70, 103); box-shadow:4px 4px 4px 4px rgb(219, 70, 103) }
```

Background

The CSS property to change the background color of an element to YIQ 118.3130, 78.2110, 41.8510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 70, 103) }
```

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

```
.background{ background-color: rgb(219, 70,  
103) }
```

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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