

Converting Colors

YIQ(126.3130, 78.2110, 41.8510)

Have a look what the booklet for
YIQ(126.3130, 78.2110, 41.8510)
contains.

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Color

**YIQ(126.3130, 78.2110,
41.8510)**

Conversions

Conversions Part 1

Format	Color
Hex	E34E6F
RGB	227, 78, 111
RGB Percent	89%, 31%, 44%
CMY	0.1094, 0.6943, 0.5644
CMYK	0.00, 0.66, 0.51, 0.11
HSL	347°, 73%, 60%
HSV	347°, 66%, 89%
XYZ	37.3019, 22.9356, 17.5209
YIQ	126.3130, 78.2110, 41.8510

Conversions

Conversions Part 2

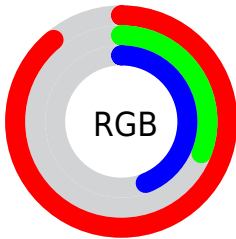
Format	Color
R_{YB}	227, 78, 111
Decimal	14896751
CIE _{Lab}	55.01, 60.01, 13.64
CIE _{LCh}	55, 61.543, 12.806
Yxy	22.9356, 0.4797, 0.2950
Android (android.graphics.Color)	4293086831 (0xFFE34E6F)
YUV	126.3130, -7.5493, 88.3025
Hunter-Lab	47.8912, 55.2222, 11.8327

Details

The YIQ color **126.3130, 78.2110, 41.8510** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **178.6870, -78.2110, -41.8510**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.9580, 62.8530, 33.8370**, and **57.5170, 78.1170, 54.5730** is the 20% darker color. If you saturate the color by 10%, you get **110.7600, 90.3140, 48.2820**, and if you desaturate by 10%, it is **141.8660, 66.1080, 35.4200**.

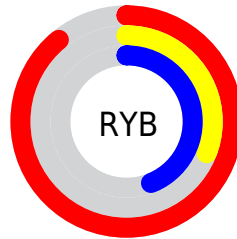
Distribution



Red (89%)

Green (31%)

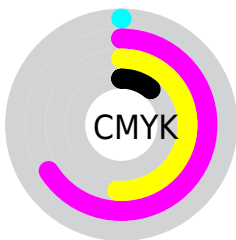
Blue (44%)



Red (89%)

Yellow (31%)

Blue (44%)

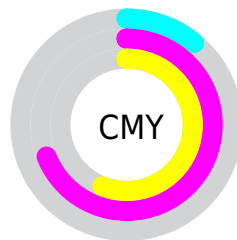


Cyan (0%)

Magenta (66%)

Yellow (51%)

Black (11%)



Cyan (11%)


Magenta (69%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 126.3130, 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 126.3130, 78.2110, 41.8510 by changing the saturation by 10% instead.


 126.3130, 78.2110,
41.8510


 126.3130, 78.2110,
41.8510


255.0000, -0.0000,
-0.0000


 96.6980, 75.6890,
43.5050


 173.9580, 62.8530,
33.8370


 57.5170, 78.1170,
54.5730


 193.4720, 46.4860,
27.5900


 45.4520, 67.5740,
41.8940


 213.6870, 29.5230,
21.1310

 34.2020, 56.1140,
29.3140

 234.0160, 12.2390,
14.9830

 23.4360, 46.1670,
16.8470

 252.0650, 1.3750,
2.6150

 14.8790, 28.5620,
11.0100

 0.0000, 0.0000,

0.0000

■ 126.3130, 78.2110,
41.8510

■ 126.3130, 78.2110,
41.8510

■ 110.7600, 90.3140,
48.2820

■ 141.8660, 66.1080,
35.4200

■ 95.9080, 101.8210,
54.5010

■ 156.7180, 54.6010,
29.2010

■ 80.3550, 113.9240,
60.9320

■ 172.2710, 42.4980,
22.7700

■ 73.5730, 119.2420,
63.6740

■ 187.8240, 30.3950,
16.3390

■ 202.6760, 18.8880,
10.1200

■ 218.2290, 6.7850,
3.6890

■ 233.7820, -5.3180,
-2.7420

■ 246.2860,
-15.7250, -6.8690

■ 246.6280,
-16.6880, -5.9360

Harmonies

Analogous

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



131.5060, 50.2870, 52.3270



126.3130, 78.2110, 41.8510



127.0040, 82.4340, 14.8660

Triad

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



126.3130, 78.2110, 41.8510



114.5450, -10.7660, -47.1980



112.3780, -115.2640, -3.5840

Complementary

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



126.3130, 78.2110, 41.8510



178.6870, -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.



113.5400, -107.5130, -17.4090



126.3130, 78.2110, 41.8510



101.5700, -73.8080, -50.0640

Square

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



126.3130, 78.2110, 41.8510



120.4960, 43.6560, -42.2960



109.1280, -92.3340, -33.6940



120.2570, -77.5340, 17.4900

Rectangle

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



126.3130, 78.2110, 41.8510



126.4090, 76.0190, -6.5490



109.1280, -92.3340, -33.6940



113.8140, -113.7960, -8.1640

Sweetspot

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



126.3130, 78.2110, 41.8510



220.5030, 26.8650, 14.2330



129.0720, 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.



126.3130, 78.2110, 41.8510



119.1150, 105.6720, 56.2960



146.0310, 77.8040, 10.6680



106.9300, 6.1890, 3.4770



58.0810, 93.8440, 50.3880



16.5030, 26.8650, 14.2330

Inverse Universe

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



126.3130, 78.2110, 41.8510



119.1150, 105.6720, 56.2960



158.9690, -77.8040, -10.6680



106.9300, 6.1890, 3.4770



58.0810, 93.8440, 50.3880



16.5030, 26.8650, 14.2330

Previews

White Background



This preview shows how the YIQ color 126.3130, 78.2110, 41.8510 looks on a white background.

Color Contrast Check

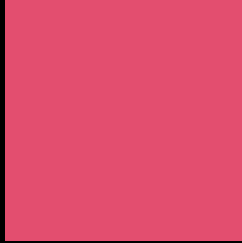
Large Text (above 18pt) WCAG AA ✓ Pass

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 126.3130, 78.2110, 41.8510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

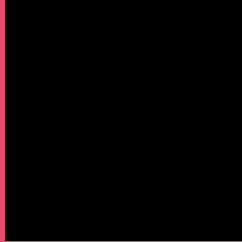
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 126.3130, 78.2110, 41.8510

Background



This preview shows how black text looks on a background with the YIQ color 126.3130, 78.2110, 41.8510.



This preview shows how white text looks on a background with the YIQ color 126.3130, 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

126.3130, 78.2110, 41.8510

Protanopia

132.5100, -1.3760, 2.9120

Deuteranopia

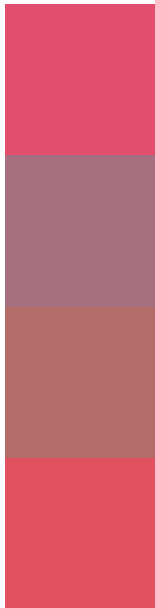
132.4510, 23.4750, -1.4290



Tritanopia

126.2130, 83.9440, 31.5600

Trichromacy



Original Color

126.3130, 78.2110, 41.8510

Protanomaly

130.3830, 27.3230, 16.9470

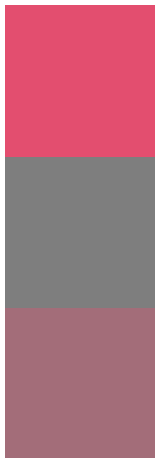
Deuteranomaly

130.3000, 43.5540, 14.6420

Tritanomaly

126.0650, 81.6050, 35.4050

Monochromacy



Original Color

126.3130, 78.2110, 41.8510

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

126.5140, 28.3320, 15.1800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 126.3130, 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(227, 78, 111)` looks like.

```
.text, #text, p{  
    color:rgb(227, 78, 111)  
}
```

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(227, 78, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 78, 111) }
```

Border

The CSS property to change the border of an element to YIQ 126.3130, 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(227, 78, 111) }
```


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

```
.border{ border-color:rgb(227, 78, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 78, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 78, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 78, 111);  
box-shadow:4px 4px 4px 4px rgb(227, 78,  
111) }
```

Background

The CSS property to change the background color of an element to YIQ 126.3130, 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(227, 78, 111) }
```

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

```
.background{ background-color: rgb(227, 78,  
111) }
```

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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