

Converting Colors

YIQ(112.6660, 87.8830, 53.7950)

Have a look what the booklet for
YIQ(112.6660, 87.8830, 53.7950)
contains.

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Color

**YIQ(112.6660, 87.8830,
53.7950)**

Conversions

Conversions Part 1

Format	Color
Hex	E6366B
RGB	230, 54, 107
RGB Percent	90%, 21%, 42%
CMY	0.0976, 0.7885, 0.5801
CMYK	0.00, 0.77, 0.53, 0.10
HSL	342°, 78%, 56%
HSV	342°, 77%, 90%
XYZ	36.6438, 20.5367, 15.9642
YIQ	112.6660, 87.8830, 53.7950

Conversions

Conversions Part 2

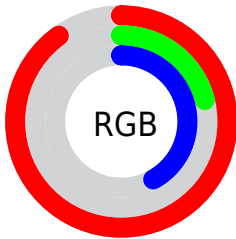
Format	Color
R_{YB}	230, 54, 107
Decimal	15087211
CIE _{Lab}	52.44, 68.91, 12.54
CIE _{LCh}	52, 70.044, 10.310
Yxy	20.5367, 0.5010, 0.2808
Android (android.graphics.Color)	4293277291 (0xFFE6366B)
YUV	112.6660, -2.7933, 102.9019
Hunter-Lab	45.3175, 65.0301, 10.8358

Details

The YIQ color **112.6660, 87.8830, 53.7950** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed rose. A complement of this color would be **171.3340, -87.8830, -53.7950**, and the grayscale version is **113.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **162.3490, 69.3620, 42.5300**, and **57.0720, 80.8680, 54.2760** is the 20% darker color. If you saturate the color by 10%, you get **97.3410, 99.3440, 60.8480**, and if you desaturate by 10%, it is **127.9910, 76.4220, 46.7420**.

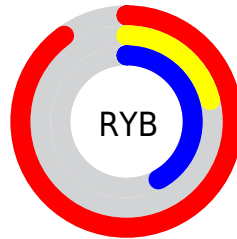
Distribution



Red (90%)

Green (21%)

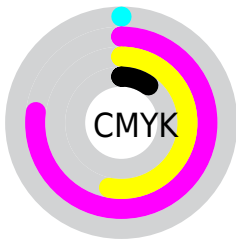
Blue (42%)



Red (90%)

Yellow (21%)

Blue (42%)

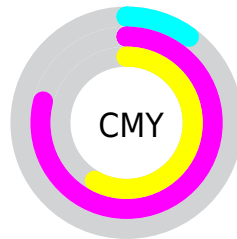


Cyan (0%)

Magenta (77%)

Yellow (53%)

Black (10%)



Cyan (10%)

Magenta (79%)

Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 112.6660, 87.8830, 53.7950 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 112.6660, 87.8830, 53.7950 by changing the saturation by 10% instead.


 112.6660, 87.8830,
53.7950

 112.6660, 87.8830,
53.7950


255.0000, -0.0000,
-0.0000


 70.1370, 91.4110,
66.9550


 162.3490, 69.3620,
42.5300


 57.0720, 80.8680,
54.2760


 182.4500, 52.7200,
35.7600

 45.4090, 69.1330,
41.1730


 202.6650, 35.7570,
29.3010

 34.1590, 57.6730,
28.5930

 223.4670, 18.5190,
22.3190

 23.6640, 45.5250,
17.4690

 242.6730, 5.7750,
10.9830

 14.2810, 27.3700,
10.5860

 0.0000, 0.0000,

0.0000

■ 112.6660, 87.8830,
53.7950

■ 112.6660, 87.8830,
53.7950

■ 97.3410, 99.3440,
60.8480

■ 127.9910, 76.4220,
46.7420

■ 82.0160, 110.8050,
67.9010

■ 143.3160, 64.9610,
39.6890

■ 76.6360, 114.9310,
70.2190

■ 158.6410, 53.5000,
32.6360

■ 173.9660, 42.0390,
25.5830

■ 189.2910, 30.5780,
18.5300

■ 204.7300, 18.7960,
11.7880

■ 220.0550, 7.3350,
4.7350

■ 235.3800, -4.1260,
-2.3180

■ 247.1830,
-13.9370, -6.2330

Harmonies

Analogous

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



120.8690, 53.9990, 62.1510



112.6660, 87.8830, 53.7950



116.5540, 92.7490, 20.6610

Triad

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



112.6660, 87.8830, 53.7950



103.4450, -5.0330, -57.4890



111.1870, -116.0440, -0.4600

Complementary

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



112.6660, 87.8830, 53.7950



171.3340, -87.8830, -53.7950

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.



111.0780, -106.0920, -15.6280



112.6660, 87.8830, 53.7950



96.8110, -67.2970, -52.4250

Square

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



112.6660, 87.8830, 53.7950



115.1910, 43.1970, -39.4830



105.7540, -88.3450, -34.4010



101.8920, -113.2950, 10.2970

Rectangle

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



112.6660, 87.8830, 53.7950



116.1300, 89.8660, -9.7020



105.7540, -88.3450, -34.4010



111.9220, -113.9800, -4.8280

Sweetspot

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



112.6660, 87.8830, 53.7950



215.6930, 29.3860, 18.1060



109.9440, 15.0240, 80.1760



104.0180, 17.9250, 11.0530



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.



112.6660, 87.8830, 53.7950



98.3590, 117.2690, 71.9010



125.4080, 96.0960, 20.5760



107.0440, 5.8680, 3.7880



59.6770, 89.3500, 54.7420



16.9590, 25.5810, 15.4770

Inverse Universe

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



112.6660, 87.8830, 53.7950



98.3590, 117.2690, 71.9010



158.5920, -96.0960, -20.5760



107.0440, 5.8680, 3.7880



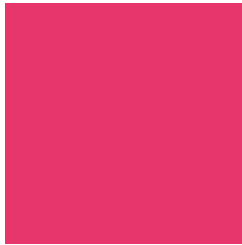
59.6770, 89.3500, 54.7420



16.9590, 25.5810, 15.4770

Previews

White Background



This preview shows how the YIQ color 112.6660, 87.8830, 53.7950 looks on a white background.

Color Contrast Check

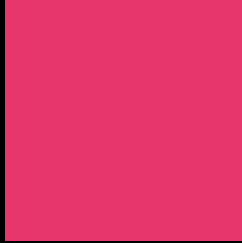
Large Text (above 18pt) WCAG AA ✓ Pass

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 112.6660, 87.8830, 53.7950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

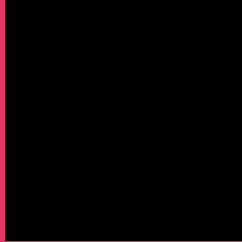
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 112.6660, 87.8830, 53.7950

Background



This preview shows how black text looks on a background with the YIQ color 112.6660, 87.8830, 53.7950.

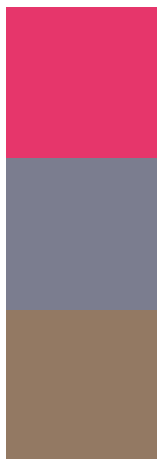


This preview shows how white text looks on a background with the YIQ color 112.6660, 87.8830,

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

112.6660, 87.8830, 53.7950

Protanopia

126.4540, -6.9700, 5.1740

Deuteranopia

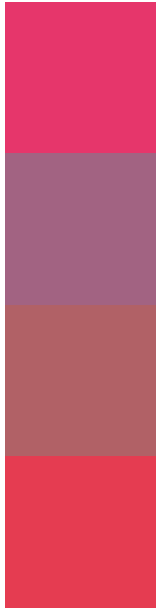
126.2660, 22.5580, -1.3300



Tritanopia

113.2640, 97.1020, 35.3900

Trichromacy



Original Color

112.6660, 87.8830, 53.7950

Protanomaly

121.3710, 27.5970, 22.9970

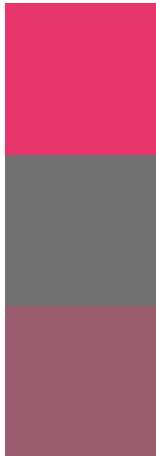
Deuteranomaly

121.4900, 46.0750, 18.5150

Tritanomaly

112.9250, 93.9830, 42.3590

Monochromacy



Original Color

112.6660, 87.8830, 53.7950

Achromatopsia

113.0000, -0.0000, 0.0000

Achromatomaly

113.3020, 32.0450, 19.4770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 112.6660, 87.8830, 53.7950 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(230, 54, 107)` looks like.

```
.text, #text, p{  
    color:rgb(230, 54, 107)  
}
```

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(230, 54, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 54, 107) }
```

Border

The CSS property to change the border of an element to YIQ 112.6660, 87.8830, 53.7950 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(230, 54, 107) }
```


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

```
.border{ border-color:rgb(230, 54, 107) }
```

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

Here you see how a box with a 4 pixel rgb(230, 54, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 54, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 54, 107);  
box-shadow:4px 4px 4px 4px rgb(230, 54,  
107) }
```

Background

The CSS property to change the background color of an element to YIQ 112.6660, 87.8830, 53.7950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 54, 107) }
```

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

```
.background{ background-color: rgb(230, 54,  
107) }
```

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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