

Converting Colors

YIQ(106.6630, 74.7700, 54.6580)

Have a look what the booklet for
YIQ(106.6630, 74.7700, 54.6580)
contains.

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Color

**YIQ(106.6630, 74.7700,
54.6580)**

Conversions

Conversions Part 1

Format	Color
Hex	D43375
RGB	212, 51, 117
RGB Percent	83%, 20%, 46%
CMY	0.1682, 0.8002, 0.5409
CMYK	0.00, 0.76, 0.45, 0.17
HSL	335°, 65%, 52%
HSV	335°, 76%, 83%
XYZ	31.5780, 17.6607, 18.5934
YIQ	106.6630, 74.7700, 54.6580

Conversions

Conversions Part 2

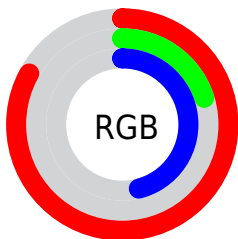
Format	Color
R_{YB}	212, 51, 117
Decimal	13906805
CIE _{Lab}	49.08, 65.77, 1.25
CIE _{LCh}	49, 65.786, 1.090
Yxy	17.6607, 0.4655, 0.2604
Android (android.graphics.Color)	4292096885 (0xFFD43375)
YUV	106.6630, 5.0961, 92.3805
Hunter-Lab	42.0247, 60.5847, 3.1849

Details

The YIQ color **106.6630, 74.7700, 54.6580** 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 **156.3370, -74.7700, -54.6580**, and the grayscale version is **107.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **161.2550, 66.9310, 48.0430**, and **53.3140, 68.4430, 53.6830** is the 20% darker color. If you saturate the color by 10%, you get **92.9680, 84.3970, 61.9090**, and if you desaturate by 10%, it is **120.4720, 64.8220, 47.7180**.

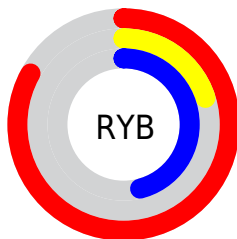
Distribution



Red (83%)

Green (20%)

Blue (46%)



Red (83%)

Yellow (20%)

Blue (46%)

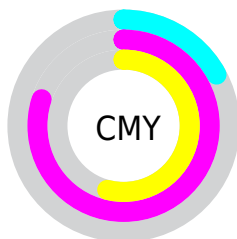


Cyan (0%)

Magenta (76%)

Yellow (45%)

Black (17%)



Cyan (17%)


Magenta (80%)

Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 106.6630, 74.7700, 54.6580 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 106.6630, 74.7700, 54.6580 by changing the saturation by 10% instead.


 106.6630, 74.7700,
54.6580


 106.6630, 74.7700,
54.6580


255.0000, -0.0000,
-0.0000


 65.0200, 78.6190,
67.5070


 161.2550, 66.9310,
48.0430


 53.3140, 68.4430,
53.6830


 181.3560, 50.2890,
41.2730


 41.8360, 57.6250,
40.4810


 200.9840, 33.6010,
35.3370

 30.8850, 46.7610,
28.1130

 221.9000, 16.0420,
28.6660

 20.0760, 38.3730,
14.9250

 239.1510, 7.4250,
14.1210

 9.6820, 18.7510,
7.0950

 0.0000, 0.0000,

0.0000

■ 106.6630, 74.7700,
54.6580

■ 106.6630, 74.7700,
54.6580

■ 92.9680, 84.3970,
61.9090

■ 120.4720, 64.8220,
47.7180

■ 79.1590, 94.3450,
68.8490

■ 134.1670, 55.1950,
40.4670

■ 73.3060, 98.4250,
72.0010

■ 148.5630, 44.9720,
33.0040

■ 162.2580, 35.3450,
25.7530

■ 176.0670, 25.3970,
18.8130

■ 189.7620, 15.7700,
11.5620

■ 203.5710, 5.8220,
4.6220

■ 217.8530, -4.0800,
-3.1520

■ 231.6620,
-14.0280, -10.0920

Harmonies

Analogous

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



116.3010, 34.9270, 55.3670



106.6630, 74.7700, 54.6580



107.8280, 86.4660, 29.9060

Triad

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



106.6630, 74.7700, 54.6580



101.1270, 13.7180, -50.3940



104.2280, -106.0940, -4.5740

Complementary

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



106.6630, 74.7700, 54.6580



156.3370, -74.7700, -54.6580

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.



102.4890, -94.3080, -19.9400



106.6630, 74.7700, 54.6580



87.7320, -56.8890, -53.8250

Square

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



106.6630, 74.7700, 54.6580



109.0660, 51.2190, -30.6770



96.1050, -76.3320, -37.3560



98.3070, -107.3340, 6.8900

Rectangle

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



106.6630, 74.7700, 54.6580



109.5060, 83.5360, 5.9040



96.1050, -76.3320, -37.3560



104.1480, -103.1130, -9.0410

Sweetspot

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



106.6630, 74.7700, 54.6580



216.3770, 27.4600, 19.9720



97.4600, 4.3430, 69.9990



104.3600, 16.9620, 11.9860



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.



106.6630, 74.7700, 54.6580



103.1980, 107.7770, 78.7290



106.7700, 92.3810, 27.3330



99.8590, 4.9510, 3.8870



59.1090, 79.4460, 58.0220



14.9090, 19.8500, 14.7140

Inverse Universe

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



106.6630, 74.7700, 54.6580



103.1980, 107.7770, 78.7290



156.2300, -92.3810, -27.3330



99.8590, 4.9510, 3.8870



59.1090, 79.4460, 58.0220



14.9090, 19.8500, 14.7140

Previews

White Background



This preview shows how the YIQ color 106.6630, 74.7700, 54.6580 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 106.6630, 74.7700, 54.6580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

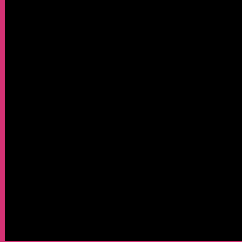
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 106.6630, 74.7700, 54.6580

Background



This preview shows how black text looks on a background with the YIQ color 106.6630, 74.7700, 54.6580.



This preview shows how white text looks on a background with the YIQ color 106.6630, 74.7700,

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

106.6630, 74.7700, 54.6580

Protanopia

117.5700, -18.8000, 10.3200

Deuteranopia

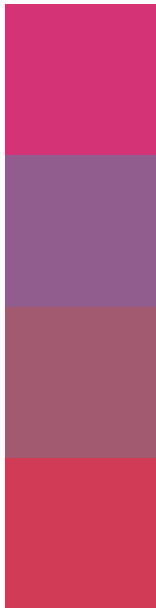
118.2250, 12.6080, 2.7840



Tritanopia

107.6970, 85.4570, 31.6730

Trichromacy



Original Color

106.6630, 74.7700, 54.6580

Protanomaly

113.5470, 15.5380, 26.7860

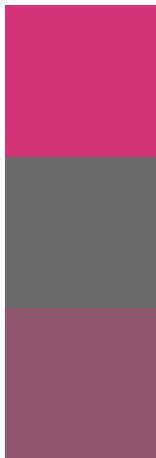
Deuteranomaly

113.7370, 35.2540, 21.8940

Tritanomaly

107.1130, 81.6500, 40.0980

Monochromacy



Original Color

106.6630, 74.7700, 54.6580

Achromatopsia

107.0000, -0.0000, 0.0000

Achromatomaly

107.0780, 26.8640, 19.7600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 106.6630, 74.7700, 54.6580 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(212, 51, 117)` looks like.

```
.text, #text, p{  
    color:rgb(212, 51, 117)  
}
```

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(212, 51, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 51, 117) }
```

Border

The CSS property to change the border of an element to YIQ 106.6630, 74.7700, 54.6580 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(212, 51, 117) }
```


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

```
.border{ border-color:rgb(212, 51, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 51, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 51, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 51, 117);  
box-shadow:4px 4px 4px 4px rgb(212, 51,  
117) }
```

Background

The CSS property to change the background color of an element to YIQ 106.6630, 74.7700, 54.6580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 51, 117) }
```

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

```
.background{ background-color: rgb(212, 51,  
117) }
```

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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