

Converting Colors

YIQ(154.7360, 46.1630, 38.9550)

Have a look what the booklet for
YIQ(154.7360, 46.1630, 38.9550)
contains.

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Color

**YIQ(154.7360, 46.1630,
38.9550)**

Conversions

Conversions Part 1

Format	Color
Hex	DF75AA
RGB	223, 117, 170
RGB Percent	87%, 46%, 67%
CMY	0.1252, 0.5413, 0.3332
CMYK	0.00, 0.48, 0.24, 0.13
HSL	330°, 62%, 67%
HSV	330°, 48%, 87%
XYZ	44.0691, 31.3154, 41.7700
YIQ	154.7360, 46.1630, 38.9550

Conversions

Conversions Part 2

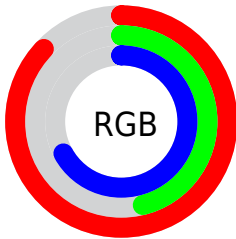
Format	Color
RYB	223, 117, 170
Decimal	14644650
CIELab	62.77, 47.45, -9.51
CIELCh	63, 48.396, 348.672
Yxy	31.3154, 0.3762, 0.2673
Android (android.graphics.Color)	4292834730 (0xFFDF75AA)
YUV	154.7360, 7.5252, 59.8675
Hunter-Lab	55.9602, 42.6399, -5.0833

Details

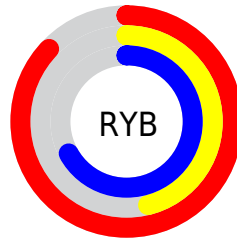
The YIQ color **154.7360, 46.1630, 38.9550** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **185.2640, -46.1630, -38.9550**, and the grayscale version is **155.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **202.8590, 32.4550, 34.0790**, and **100.3550, 42.8620, 38.2060** is the 20% darker color. If you saturate the color by 10%, you get **140.5680, 55.7440, 47.0400**, and if you desaturate by 10%, it is **168.9040, 36.5820, 30.8700**.

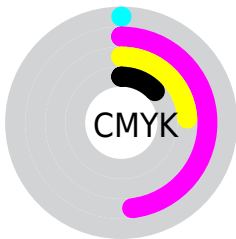
Distribution



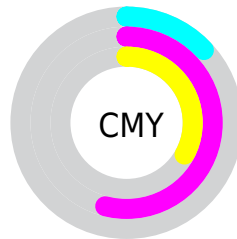
- Red (87%)
- Green (46%)
- Blue (67%)



- Red (87%)
- Yellow (46%)
- Blue (67%)



- Cyan (0%)
- Magenta (48%)
- Yellow (24%)
- Black (13%)



- Cyan (13%)
- Magenta (54%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 154.7360, 46.1630, 38.9550 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 154.7360, 46.1630, 38.9550 by changing the saturation by 10% instead.

■ 154.7360, 46.1630,
38.9550

■ 154.7360, 46.1630,
38.9550

255.0000, -0.0000,
-0.0000

■ 127.2520, 44.6500,
38.8420

■ 202.8590, 32.4550,
34.0790

■ 100.3550, 42.8620,
38.2060

■ 222.6010, 15.4460,
28.4540

■ 72.6970, 41.8990,
39.1390

■ 239.1510, 7.4250,
14.1210

■ 40.8700, 43.0900,
45.0900

■ 30.1750, 34.3810,
32.2130

■ 20.4200, 25.9010,
20.6930

■ 9.0840, 17.5590,

6.6710

■ 0.0000, 0.0000,
0.0000

■ 154.7360, 46.1630,
38.9550

■ 154.7360, 46.1630,
38.9550

■ 140.5680, 55.7440,
47.0400

■ 168.9040, 36.5820,
30.8700

■ 125.8130, 65.6000,
55.6480

■ 183.6590, 26.7260,
22.2620

■ 111.6450, 75.1810,
63.7330

■ 197.8270, 17.1450,
14.1770

■ 97.3630, 85.0830,
71.5070

■ 212.1090, 7.2430,
6.4030

■ 82.6080, 94.9390,
80.1150

■ 226.2770, -2.3380,
-1.6820

■ 79.4450, 96.9560,
82.1080

■ 241.0320,
-12.1940, -10.2900

■ 244.6340,
-16.8250, -8.9610

■ 245.4320,
-19.0720, -6.7840

Harmonies

Analogous

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



156.6470, 9.8050, 37.0770



154.7360, 46.1630, 38.9550



151.9380, 65.6050, 28.0130

Triad

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



154.7360, 46.1630, 38.9550



145.4190, 25.3600, -30.0960



124.3000, -115.7650, -22.0450

Complementary

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



154.7360, 46.1630, 38.9550



185.2640, -46.1630, -38.9550

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.



121.8430, -104.7130, -35.1210



154.7360, 46.1630, 38.9550



138.8300, -15.5820, -37.0060

Square

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



154.7360, 46.1630, 38.9550



149.0470, 53.3710, -14.6050



116.8270, -90.5890, -48.8050



121.4110, -120.0310, -10.8070

Rectangle

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



154.7360, 46.1630, 38.9550



151.1750, 68.7710, 14.6830



116.8270, -90.5890, -48.8050



124.2200, -112.7840, -26.5120

Sweetspot

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



154.7360, 46.1630, 38.9550



231.8160, 15.6780, 13.2300



144.3330, -3.6300, 43.7780



113.8320, 9.5810, 8.0850



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.



154.7360, 46.1630, 38.9550



161.5630, 63.3080, 53.1320



148.9220, 62.5340, 23.0940



104.9730, 4.6300, 4.1980



62.6560, 76.6480, 64.6800



17.0880, 20.9040, 17.6400

Inverse Universe

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



154.7360, 46.1630, 38.9550



161.5630, 63.3080, 53.1320



191.0780, -62.5340, -23.0940



104.9730, 4.6300, 4.1980



62.6560, 76.6480, 64.6800



17.0880, 20.9040, 17.6400

Previews

White Background



This preview shows how the YIQ color 154.7360, 46.1630, 38.9550 looks on a white background.

Color Contrast Check

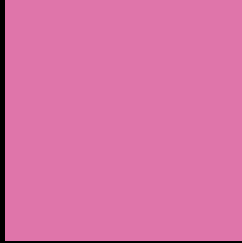
Large Text (above 18pt) WCAG AA × Fail

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 154.7360, 46.1630, 38.9550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

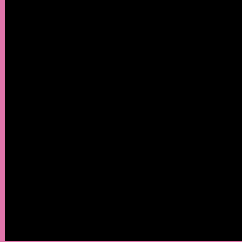
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 154.7360, 46.1630, 38.9550

Background



This preview shows how black text looks on a background with the YIQ color 154.7360, 46.1630, 38.9550.



This preview shows how white text looks on a background with the YIQ color 154.7360, 46.1630,

38.9550.

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

154.7360, 46.1630, 38.9550

Protanopia

153.0970, -18.8460, 11.1540

Deuteranopia

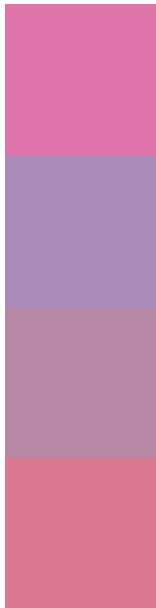
153.8250, 2.2910, 8.0430



Tritanopia

153.4310, 53.7310, 22.9390

Trichromacy



Original Color

154.7360, 46.1630, 38.9550

Protanomaly

153.8120, 4.3060, 21.0900

Deuteranomaly

154.4730, 18.3820, 19.2940

Tritanomaly

153.4510, 50.9790, 28.7630

Monochromacy



Original Color

154.7360, 46.1630, 38.9550

Achromatopsia

155.0000, -0.0000, 0.0000

Achromatomaly

154.8270, 17.1450, 14.1770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 154.7360, 46.1630, 38.9550 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(223, 117, 170)` looks like.

```
.text, #text, p{  
    color:rgb(223, 117, 170)  
}
```

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(223, 117, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 117, 170) }
```

Border

The CSS property to change the border of an element to YIQ 154.7360, 46.1630, 38.9550 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(223, 117, 170) }
```


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

```
.border{ border-color:rgb(223, 117, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 117, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 117, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 117, 170);  
box-shadow:4px 4px 4px 4px rgb(223, 117,  
170) }
```

Background

The CSS property to change the background color of an element to YIQ 154.7360, 46.1630, 38.9550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 117, 170) }
```

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

```
.background{ background-color: rgb(223,  
117, 170) }
```

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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