

Converting Colors

YIQ(98.2370, -3.7200, 34.3920)

Have a look what the booklet for
YIQ(98.2370, -3.7200, 34.3920)
contains.

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Color

**YIQ(98.2370, -3.7200,
34.3920)**

Conversions

Conversions Part 1

Format	Color
Hex	744DA1
RGB	116, 77, 161
RGB Percent	45%, 30%, 63%
CMY	0.5449, 0.6981, 0.3687
CMYK	0.28, 0.52, 0.00, 0.37
HSL	268°, 35%, 47%
HSV	268°, 52%, 63%
XYZ	16.2914, 11.5935, 35.0879
YIQ	98.2370, -3.7200, 34.3920

Conversions

Conversions Part 2

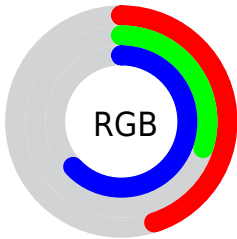
Format	Color
R_{YB}	116, 77, 161
Decimal	7622049
CIE _{Lab}	40.56, 33.94, -39.60
CIE _{LCh}	41, 52.151, 310.600
Yxy	11.5935, 0.2587, 0.1841
Android (android.graphics.Color)	4285812129 (0xFF744DA1)
YUV	98.2370, 30.9422, 15.5782
Hunter-Lab	34.0493, 25.8196, -37.2641

Details

The YIQ color $98.2370, -3.7200, 34.3920$ is a dark color, and the websafe version is hex 663399 . A complement of this color would be $139.7630, 3.7200, -34.3920$, and the grayscale version is $98.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $150.0030, -2.9410, 36.7950$, and $49.1720, -5.0950, 31.7770$ is the 20% darker color. If you saturate the color by 10%, you get $86.1540, -4.6840, 40.8520$, and if you desaturate by 10%, it is $110.3200, -2.7560, 27.9320$.

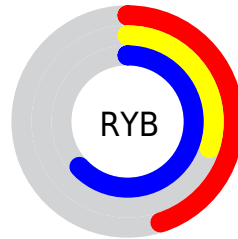
Distribution



Red (45%)

Green (30%)

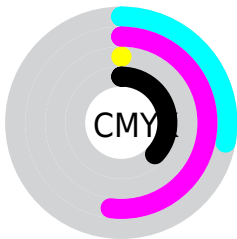
Blue (63%)



Red (45%)

Yellow (30%)

Blue (63%)

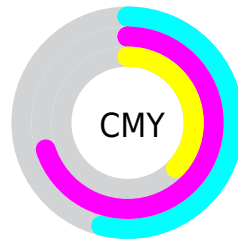


Cyan (28%)

Magenta (52%)

Yellow (0%)

Black (37%)



Cyan (54%)

Magenta (70%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 98.2370, -3.7200, 34.3920 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 98.2370, -3.7200, 34.3920 by changing the saturation by 10% instead.

■ 98.2370, -3.7200,
34.3920

■ 98.2370, -3.7200,
34.3920

■ 255.0000, -0.0000,
-0.0000

■ 73.2970, -3.9490,
33.0350

■ 150.0030, -2.9410,
36.7950

■ 49.1720, -5.0950,
31.7770

■ 176.9430, -2.7120,
38.1520

■ 24.7590, -5.3700,
31.2540

■ 203.1900, 3.6620,
32.7660

■ 12.5210, -7.9360,
22.6880

■ 227.4110, 12.9250,
24.5810

■ 5.5060, -12.7480,
10.7720

■ 244.4340, 4.9500,
9.4140

■ 2.1830, -4.7690,
3.8310

■ 0.0000, 0.0000,

0.0000

■ 98.2370, -3.7200,
34.3920

■ 98.2370, -3.7200,
34.3920

■ 86.1540, -4.6840,
40.8520

■ 110.3200, -2.7560,
27.9320

■ 74.3700, -5.0520,
47.5240

■ 122.1040, -2.3880,
21.2600

■ 62.2870, -6.0160,
53.9840

■ 134.1870, -1.4240,
14.8000

■ 50.5030, -6.3840,
60.6560

■ 145.9710, -1.0560,
8.1280

■ 40.7790, -6.9810,
65.9710

■ 158.0540, -0.0920,
1.6680

■ 170.7240, 0.5970,
-5.3150

■ 182.5080, 0.9650,
-11.9870

■ 194.5910, 1.9290,
-18.4470

■ 206.6740, 2.8930,
-24.9070

Harmonies

Analogous

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



76.8720, -84.1800, 5.7720



98.2370, -3.7200, 34.3920



94.6520, 37.7720, 42.3480

Triad

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



98.2370, -3.7200, 34.3920



89.9830, 59.4230, -14.1530



80.0450, -66.9350, -25.9350

Complementary

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



98.2370, -3.7200, 34.3920



139.7630, 3.7200, -34.3920

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.



73.8550, -52.2610, -38.5730



98.2370, -3.7200, 34.3920



88.0240, 33.8420, -29.6300

Square

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



98.2370, -3.7200, 34.3920



91.0930, 66.0660, 14.1460



82.0500, -4.5780, -38.1940



84.0180, -79.5000, -12.9720

Rectangle

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



98.2370, -3.7200, 34.3920



90.9390, 55.8370, 39.8450



82.0500, -4.5780, -38.1940



78.3350, -62.1200, -30.6000

Sweetspot

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



98.2370, -3.7200, 34.3920



184.2470, -1.6530, 13.4430



113.5780, -39.6140, 2.0660



89.9710, -1.0560, 8.1280



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



98.2370, -3.7200, 34.3920



110.5860, -5.4200, 54.1960



110.4960, 20.7160, 43.0840



75.2220, -0.5050, 3.6470



36.8620, -6.0170, 59.5110



4.4440, -1.0100, 7.2940

Inverse Universe

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



107.2460, 35.6190, 31.8030



124.5620, 55.8810, 50.0650



127.5040, -20.7160, -43.0840



76.2610, 3.7590, 3.4630



52.2470, 61.3820, 54.9980



6.5220, 7.5180, 6.9260

Previews

White Background



This preview shows how the YIQ color 98.2370, -3.7200, 34.3920 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 98.2370, -3.7200, 34.3920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

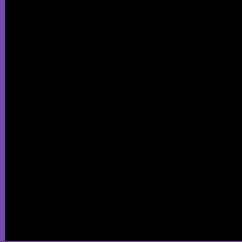
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 98.2370, -3.7200, 34.3920

Background



This preview shows how black text looks on a background with the YIQ color 98.2370, -3.7200, 34.3920.



This preview shows how white text looks on a background with the YIQ color 98.2370, -3.7200,

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

98.2370, -3.7200, 34.3920

Protanopia

90.6160, -50.8040, 17.6440

Deuteranopia

91.5920, -42.2290, 10.9150



Tritanopia

96.7990, 5.1800, 5.2440

Trichromacy



Original Color

98.2370, -3.7200, 34.3920

Protanomaly

93.2870, -33.5200, 23.7920

Deuteranomaly

93.8760, -28.1090, 19.3390

Tritanomaly

97.5680, 1.8770, 15.5490

Monochromacy



Original Color

98.2370, -3.7200, 34.3920

Achromatopsia

98.0000, -0.0000, -0.0000

Achromatomaly

98.0190, -1.0110, 12.8210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 98.2370, -3.7200, 34.3920 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(116, 77, 161)` looks like.

```
.text, #text, p{  
    color:rgb(116, 77, 161)  
}
```

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(116, 77, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 77, 161) }
```

Border

The CSS property to change the border of an element to YIQ 98.2370, -3.7200, 34.3920 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(116, 77, 161) }
```


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

```
.border{ border-color:rgb(116, 77, 161) }
```

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

Here you see how a box with a 4 pixel rgb(116, 77, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 77, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 77, 161);  
box-shadow:4px 4px 4px 4px rgb(116, 77,  
161) }
```

Background

The CSS property to change the background color of an element to YIQ 98.2370, -3.7200, 34.3920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 77, 161) }
```

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

```
.background{ background-color: rgb(116, 77,  
161) }
```

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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