

Converting Colors

YIQ(149.9740, 22.3660, 46.2220)

Have a look what the booklet for
YIQ(149.9740, 22.3660, 46.2220)
contains.

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Color

**YIQ(149.9740, 22.3660,
46.2220)**

Conversions

Conversions Part 1

Format	Color
Hex	C872CC
RGB	200, 114, 204
RGB Percent	78%, 45%, 80%
CMY	0.2154, 0.5531, 0.2000
CMYK	0.02, 0.44, 0.00, 0.20
HSL	297°, 47%, 62%
HSV	297°, 44%, 80%
XYZ	40.7501, 28.6749, 60.5168
YIQ	149.9740, 22.3660, 46.2220

Conversions

Conversions Part 2

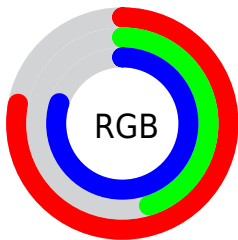
Format	Color
RYB	200, 114, 204
Decimal	13136588
CIELab	60.49, 47.31, -32.55
CIELCh	60, 57.426, 325.468
Yxy	28.6749, 0.3136, 0.2207
Android (android.graphics.Color)	4291326668 (0xFFC872CC)
YUV	149.9740, 26.6348, 43.8728
Hunter-Lab	53.5490, 42.1257, -29.5206

Details

The YIQ color **149.9740, 22.3660, 46.2220** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **168.0260, -22.3660, -46.2220**, and the grayscale version is **150.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **203.9310, 23.9250, 45.5010**, and **96.4360, 20.9450, 44.4410** is the 20% darker color. If you saturate the color by 10%, you get **137.9350, 27.2700, 56.4700**, and if you desaturate by 10%, it is **162.0130, 17.4620, 35.9740**.

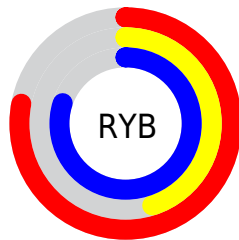
Distribution



Red (78%)

Green (45%)

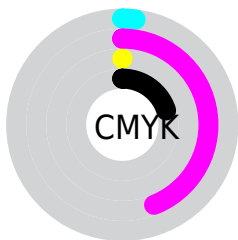
Blue (80%)



Red (78%)

Yellow (45%)

Blue (80%)

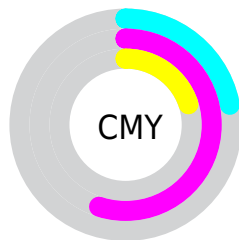


Cyan (2%)

Magenta (44%)

Yellow (0%)

Black (20%)



Cyan (22%)


Magenta (55%)

Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 149.9740, 22.3660, 46.2220 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 149.9740, 22.3660, 46.2220 by changing the saturation by 10% instead.


 149.9740, 22.3660,
46.2220


 149.9740, 22.3660,
46.2220


255.0000, -0.0000,
-0.0000

 123.1480, 21.8160,
45.1760


 203.9310, 23.9250,
45.5010

 96.4360, 20.9450,
44.4410


 220.3670, 16.2250,
30.8570


 69.5500, 20.6240,
44.7520

 237.3900, 8.2500,
15.6900

 38.9680, 22.5030,
49.2470

254.4130, 0.2750,
0.5230

 27.8710, 14.9860,
36.7940

 18.6710, 9.2570,
24.9770

 3.3060, -9.3090,

9.0190

0.0000, 0.0000,
0.0000

149.9740, 22.3660,
46.2220

149.9740, 22.3660,
46.2220

137.9350, 27.2700,
56.4700

162.0130, 17.4620,
35.9740

125.3090, 32.4490,
67.2410

174.6390, 12.2830,
25.2030

113.2700, 37.3530,
77.4890

186.6780, 7.3790,
14.9550

100.6440, 42.5320,
88.2600

199.3040, 2.2000,
4.1840

88.9040, 48.0320,
98.7200

211.3430, -2.7040,
-6.0640

■ 81.5610, 50.7360,
104.7840

■ 223.0830, -8.2040,
-16.5240

■ 234.5350,
-12.8330, -26.2490

■ 234.8340,
-12.2370, -26.0370

■ 235.1330,
-11.6410, -25.8250

Harmonies

Analogous

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



146.7310, -34.5300, 31.0860



149.9740, 22.3660, 46.2220



145.5640, 61.5670, 46.1350

Triad

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



149.9740, 22.3660, 46.2220



140.2780, 56.6740, -24.9100



121.2220, -107.0980, -30.4420

Complementary

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



149.9740, 22.3660, 46.2220



168.0260, -22.3660, -46.2220

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.



115.2940, -90.4060, -46.6140



149.9740, 22.3660, 46.2220



135.6860, 19.8140, -39.7220

Square

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



149.9740, 22.3660, 46.2220



142.6790, 75.5590, 1.7910



125.1970, -36.0290, -46.4050



122.9610, -118.8840, -15.0760

Rectangle

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



149.9740, 22.3660, 46.2220



143.7700, 75.1860, 36.0980



125.1970, -36.0290, -46.4050



119.2840, -101.6410, -35.7290

Sweetspot

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



149.9740, 22.3660, 46.2220



235.3300, 8.4790, 17.0470



126.6080, -29.9900, 25.8980



115.3740, 5.1790, 10.7710



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.



149.9740, 22.3660, 46.2220



173.9610, 33.5490, 69.3330



146.4960, 37.9110, 34.3190



96.1300, 2.7500, 5.2300



66.4650, 41.4780, 85.3340



15.3950, 9.8540, 19.6620

Inverse Universe

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



141.3660, 52.3560, 20.3240



161.0490, 78.5340, 30.4860



171.3900, -37.5900, -34.6300



94.9900, 5.9600, 2.1200



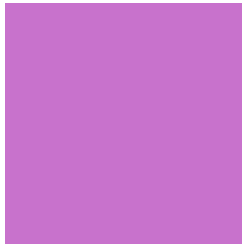
50.4320, 96.6890, 37.3690



11.5900, 22.0060, 8.6780

Previews

White Background



This preview shows how the YIQ color 149.9740, 22.3660, 46.2220 looks on a white background.

Color Contrast Check

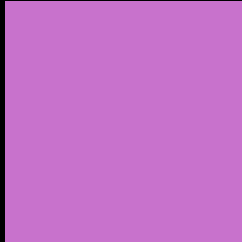
Large Text (above 18pt) WCAG AA ✓ Pass

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 149.9740, 22.3660, 46.2220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

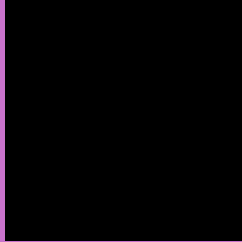
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 149.9740, 22.3660, 46.2220

Background



This preview shows how black text looks on a background with the YIQ color 149.9740, 22.3660, 46.2220.



This preview shows how white text looks on a background with the YIQ color 149.9740, 22.3660,

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

149.9740, 22.3660, 46.2220

Protanopia

144.9050, -44.2480, 19.9760

Deuteranopia

146.2690, -25.0820, 14.0380



Tritanopia

148.8630, 34.6590, 16.1550

Trichromacy



Original Color

149.9740, 22.3660, 46.2220



Protanomaly

146.6910, -19.8580, 29.5020



Deuteranomaly

147.5150, -7.7990, 25.7130



Tritanomaly

149.5610, 30.1180, 26.8700

Monochromacy



Original Color

149.9740, 22.3660, 46.2220



Achromatopsia

150.0000, -0.0000, -0.0000



Achromatomaly

150.0310, 7.8830, 16.8350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.9740, 22.3660, 46.2220 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(200, 114, 204)` looks like.

```
.text, #text, p{  
    color:rgb(200, 114, 204)  
}
```

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(200, 114, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 114, 204) }
```

Border

The CSS property to change the border of an element to YIQ 149.9740, 22.3660, 46.2220 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(200, 114, 204) }
```


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

```
.border{ border-color:rgb(200, 114, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 114, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 114, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 114, 204);  
box-shadow:4px 4px 4px 4px rgb(200, 114,  
204) }
```

Background

The CSS property to change the background color of an element to YIQ 149.9740, 22.3660, 46.2220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 114, 204) }
```

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

```
.background{ background-color: rgb(200,  
114, 204) }
```

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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