

Converting Colors

YIQ(143.4710, 4.6690, 42.0530)

Have a look what the booklet for
YIQ(143.4710, 4.6690, 42.0530)
contains.

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Color

**YIQ(143.4710, 4.6690,
42.0530)**

Conversions

Conversions Part 1

Format	Color
Hex	AE73D2
RGB	174, 115, 210
RGB Percent	68%, 45%, 82%
CMY	0.3174, 0.5491, 0.1765
CMYK	0.17, 0.45, 0.00, 0.18
HSL	277°, 51%, 64%
HSV	277°, 45%, 82%
XYZ	35.2259, 25.9128, 64.1087
YIQ	143.4710, 4.6690, 42.0530

Conversions

Conversions Part 2

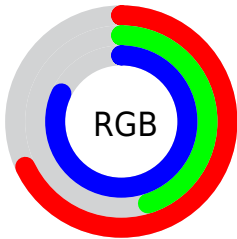
Format	Color
RYB	174, 115, 210
Decimal	11432914
CIELab	57.95, 40.38, -40.12
CIELCh	58, 56.926, 315.186
Yxy	25.9128, 0.2813, 0.2069
Android (android.graphics.Color)	4289622994 (0xFFAE73D2)
YUV	143.4710, 32.7988, 26.7739
Hunter-Lab	50.9046, 34.4386, -39.0358

Details

The YIQ color **143.4710, 4.6690, 42.0530** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **181.5290, -4.6690, -42.0530**, and the grayscale version is **143.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **196.7550, 9.6210, 40.4130**, and **91.4060, 3.2940, 39.4380** is the 20% darker color. If you saturate the color by 10%, you get **128.7520, 5.6760, 51.3400**, and if you desaturate by 10%, it is **158.1900, 3.6620, 32.7660**.

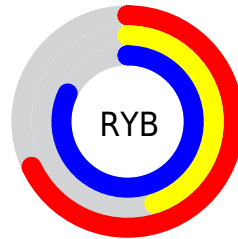
Distribution



Red (68%)

Green (45%)

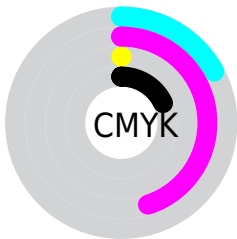
Blue (82%)



Red (68%)

Yellow (45%)

Blue (82%)

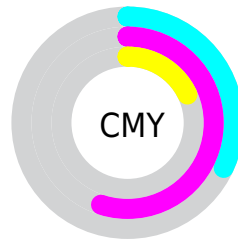


Cyan (17%)

Magenta (45%)

Yellow (0%)

Black (18%)



Cyan (32%)

Magenta (55%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 143.4710, 4.6690, 42.0530 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 143.4710, 4.6690, 42.0530 by changing the saturation by 10% instead.

143.4710, 4.6690,
42.0530

143.4710, 4.6690,
42.0530

255.0000, -0.0000,
-0.0000

116.6450, 4.1190,
41.0070

196.7550, 9.6210,
40.4130

91.7050, 3.8900,
39.6500

220.3670, 16.2250,
30.8570

65.9930, 3.0190,
38.9150

236.8030, 8.5250,
16.2130

39.9930, 3.0190,
38.9150

253.8260, 0.5500,
1.0460

21.4500, -0.0060,
33.1620

12.2500, -5.7350,
21.3450

4.9360, -11.1430,

9.2170

■ 0.5700, -1.6050,
1.5550

■ 0.0000, 0.0000,
0.0000

■ 143.4710, 4.6690,
42.0530

■ 143.4710, 4.6690,
42.0530

■ 128.7520, 5.6760,
51.3400

■ 158.1900, 3.6620,
32.7660

■ 114.0330, 6.6830,
60.6270

■ 172.9090, 2.6550,
23.4790

■ 99.3140, 7.6900,
69.9140

■ 187.6280, 1.6480,
14.1920

■ 84.5950, 8.6970,
79.2010

■ 202.3470, 0.6410,
4.9050

69.8760, 9.7040,
88.4880

217.0660, -0.3660,
-4.3820

63.1090, 10.6660,
93.0820

231.7850, -1.3730,
-13.6690

242.3950, -0.4550,
-19.2950

244.7870, 4.3130,
-17.5990

247.1790, 9.0810,
-15.9030

Harmonies

Analogous

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



133.9450, -58.9200, 21.5600



143.4710, 4.6690, 42.0530



140.1590, 49.6460, 47.4220

Triad

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



143.4710, 4.6690, 42.0530



134.8540, 64.1000, -16.3160



114.3770, -97.4690, -34.2450

Complementary

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



143.4710, 4.6690, 42.0530



181.5290, -4.6690, -42.0530

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.



107.8620, -80.5020, -49.8940



143.4710, 4.6690, 42.0530



130.8080, 34.2100, -36.3020

Square

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



143.4710, 4.6690, 42.0530



136.2590, 77.1620, 11.2900



124.0980, -13.7010, -43.5650



117.7460, -111.0890, -18.6810

Rectangle

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



143.4710, 4.6690, 42.0530



137.6370, 68.4910, 41.7950



124.0980, -13.7010, -43.5650



112.4390, -92.0120, -39.5320

Sweetspot

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



143.4710, 4.6690, 42.0530



229.6820, 1.5560, 15.8600



146.9620, -40.3950, 10.7170



112.3950, 0.6860, 9.5980



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.



143.4710, 4.6690, 42.0530



158.4460, 6.9580, 61.1500



152.9810, 29.6560, 46.2640



97.3470, 0.6410, 4.9050



50.5470, 8.6520, 74.5080



12.1490, 1.7390, 18.0510

Inverse Universe

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



147.5090, 45.0640, 31.3360



164.1900, 65.5560, 45.4280



172.0190, -29.6560, -46.2640



97.7450, 5.2720, 3.5760



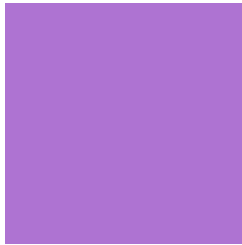
57.5280, 79.5840, 55.5200



13.9690, 19.6210, 13.3570

Previews

White Background



This preview shows how the YIQ color 143.4710, 4.6690, 42.0530 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 143.4710, 4.6690, 42.0530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

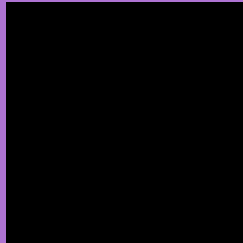
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 143.4710, 4.6690, 42.0530

Background



This preview shows how black text looks on a background with the YIQ color 143.4710, 4.6690, 42.0530.



This preview shows how white text looks on a background with the YIQ color 143.4710, 4.6690,

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

143.4710, 4.6690, 42.0530

Protanopia

137.0230, -50.3920, 21.1920

Deuteranopia

138.1520, -37.8740, 14.5900



Tritanopia

141.7080, 15.8620, 9.8940

Trichromacy



Original Color

143.4710, 4.6690, 42.0530



Protanomaly

139.3030, -30.4490, 28.7110



Deuteranomaly

139.9740, -22.3330, 24.7950



Tritanomaly

142.2320, 11.8710, 21.6550

Monochromacy



Original Color

143.4710, 4.6690, 42.0530



Achromatopsia

143.0000, -0.0000, 0.0000



Achromatomaly

143.1550, 1.6020, 15.0260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 143.4710, 4.6690, 42.0530 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(174, 115, 210)` looks like.

```
.text, #text, p{  
    color:rgb(174, 115, 210)  
}
```

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(174, 115, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 115, 210) }
```

Border

The CSS property to change the border of an element to YIQ 143.4710, 4.6690, 42.0530 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(174, 115, 210) }
```


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

```
.border{ border-color:rgb(174, 115, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 115, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 115, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 115, 210);  
box-shadow:4px 4px 4px 4px rgb(174, 115,  
210) }
```

Background

The CSS property to change the background color of an element to YIQ 143.4710, 4.6690, 42.0530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 115, 210) }
```

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

```
.background{ background-color: rgb(174,  
115, 210) }
```

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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