

Converting Colors

YIQ(146.9550, 15.3500, 52.2300)

Have a look what the booklet for
YIQ(146.9550, 15.3500, 52.2300)
contains.

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Color

**YIQ(146.9550, 15.3500,
52.2300)**

Conversions

Conversions Part 1

Format	Color
Hex	C26DDB
RGB	194, 109, 219
RGB Percent	76%, 43%, 86%
CMY	0.2389, 0.5727, 0.1412
CMYK	0.11, 0.50, 0.00, 0.14
HSL	286°, 60%, 64%
HSV	286°, 50%, 86%
XYZ	40.5161, 27.5223, 70.1905
YIQ	146.9550, 15.3500, 52.2300

Conversions

Conversions Part 2

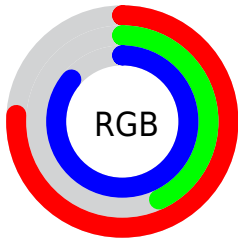
Format	Color
R _Y B	194, 109, 219
Decimal	12742107
CIE Lab	59.45, 51.06, -42.68
CIE LCh	59, 66.548, 320.113
Yxy	27.5223, 0.2931, 0.1991
Android (android.graphics.Color)	4290932187 (0xFFC26DDB)
YUV	146.9550, 35.5182, 41.2585
Hunter-Lab	52.4617, 46.0471, -42.6030

Details

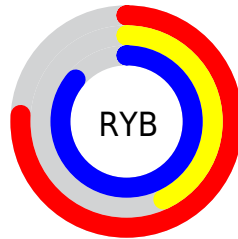
The YIQ color **146.9550, 15.3500, 52.2300** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **181.0450, -15.3500, -52.2300**, and the grayscale version is **147.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **200.0990, 23.5120, 47.4800**, and **92.7160, 14.5250, 50.6610** is the 20% darker color. If you saturate the color by 10%, you get **132.5460, 18.4200, 62.6760**, and if you desaturate by 10%, it is **161.3640, 12.2800, 41.7840**.

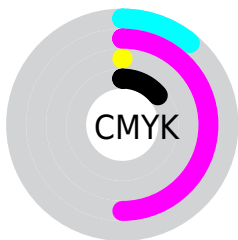
Distribution



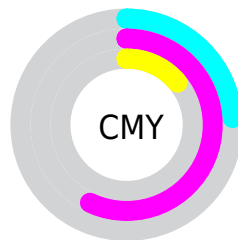
- Red (76%)
- Green (43%)
- Blue (86%)



- Red (76%)
- Yellow (43%)
- Blue (86%)



- Cyan (11%)
- Magenta (50%)
- Yellow (0%)
- Black (14%)



- Cyan (24%)
- Magenta (57%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 146.9550, 15.3500, 52.2300 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 146.9550, 15.3500, 52.2300 by changing the saturation by 10% instead.

146.9550, 15.3500,
52.2300

146.9550, 15.3500,
52.2300

255.0000, -0.0000,
-0.0000

120.1290, 14.8000,
51.1840

200.0990, 23.5120,
47.4800

92.7160, 14.5250,
50.6610

217.4320, 17.6000,
33.4720

65.2430, 14.4790,
51.4950

234.4550, 9.6250,
18.3050

37.7700, 14.4330,
52.3290

251.4780, 1.6500,
3.1380

27.1460, 6.9620,
39.0420

17.8320, 1.5540,
26.9140

4.4460, -12.5190,

12.1290

■ 2.4110, -5.4110,
4.4530

■ 0.0000, 0.0000,
0.0000

■ 146.9550, 15.3500,
52.2300

■ 146.9550, 15.3500,
52.2300

■ 132.5460, 18.4200,
62.6760

■ 161.3640, 12.2800,
41.7840

■ 118.1370, 21.4900,
73.1220

■ 175.7730, 9.2100,
31.3380

■ 103.7280, 24.5600,
83.5680

■ 190.1820, 6.1400,
20.8920

■ 89.3190, 27.6300,
94.0140

■ 204.5910, 3.0700,
10.4460

75.4970, 30.4250,
103.9370

218.4130, 0.2750,
0.5230

232.8220, -2.7950,
-9.9230

243.1220, -3.9400,
-16.7080

244.6170, -0.9600,
-15.6480

246.1120, 2.0200,
-14.5880

Harmonies

Analogous

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



139.2860, -58.1420, 29.4900



146.9550, 15.3500, 52.2300



140.4540, 65.2330, 56.7930

Triad

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



146.9550, 15.3500, 52.2300



134.5710, 74.6020, -30.4380



120.5380, -105.1720, -32.3080

Complementary

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



146.9550, 15.3500, 52.2300



181.0450, -15.3500, -52.2300

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.



112.9970, -85.3160, -50.7560



146.9550, 15.3500, 52.2300



129.2900, 38.0640, -51.0880

Square

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



146.9550, 15.3500, 52.2300



137.8980, 88.3040, 7.6000



119.4930, -31.3510, -54.0950



123.8900, -120.1220, -14.6660

Rectangle

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



146.9550, 15.3500, 52.2300



136.9380, 83.9410, 48.1410



119.4930, -31.3510, -54.0950



118.2580, -98.7520, -38.5280

Sweetspot

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



146.9550, 15.3500, 52.2300



230.0030, 5.0860, 17.9660



136.8020, -42.4600, 20.6120



112.7050, 2.7490, 10.7570



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.



146.9550, 15.3500, 52.2300



154.7240, 21.2150, 72.5990



151.1240, 39.5590, 48.5110



102.6460, 1.2370, 5.1170



59.7880, 24.3310, 82.2110



16.0080, 6.6900, 21.9380

Inverse Universe

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



144.7400, 57.5350, 31.0950



151.7370, 79.9530, 43.3210



176.8760, -39.5590, -48.5110



102.5170, 5.9140, 2.9540



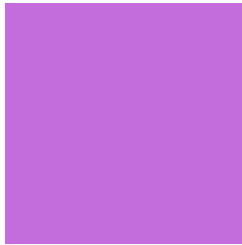
56.1730, 90.5890, 48.8050



14.8940, 24.2060, 12.8620

Previews

White Background



This preview shows how the YIQ color 146.9550, 15.3500, 52.2300 looks on a white background.

Color Contrast Check

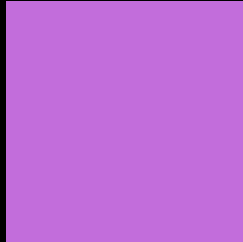
Large Text (above 18pt) WCAG AA ✓ Pass

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 146.9550, 15.3500, 52.2300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

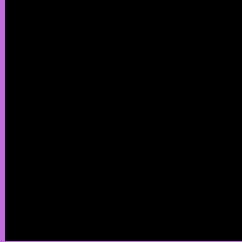
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 146.9550, 15.3500, 52.2300

Background



This preview shows how black text looks on a background with the YIQ color 146.9550, 15.3500, 52.2300.



This preview shows how white text looks on a background with the YIQ color 146.9550, 15.3500,

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

146.9550, 15.3500, 52.2300

Protanopia

139.3410, -59.9750, 24.1610

Deuteranopia

142.0100, -40.3500, 15.4100



Tritanopia

146.1720, 29.2950, 14.2470

Trichromacy



Original Color

146.9550, 15.3500, 52.2300



Protanomaly

142.2090, -32.8800, 34.2240



Deuteranomaly

143.8650, -20.4080, 28.4560



Tritanomaly

146.5650, 24.2950, 27.7750

Monochromacy



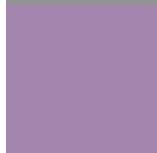
Original Color

146.9550, 15.3500, 52.2300



Achromatopsia

147.0000, -0.0000, 0.0000



Achromatomaly

146.8290, 5.6360, 19.0120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 146.9550, 15.3500, 52.2300 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(194, 109, 219)` looks like.

```
.text, #text, p{  
    color:rgb(194, 109, 219)  
}
```

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(194, 109, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 109, 219) }
```

Border

The CSS property to change the border of an element to YIQ 146.9550, 15.3500, 52.2300 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(194, 109, 219) }
```


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

```
.border{ border-color:rgb(194, 109, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 109, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 109, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 109, 219);  
box-shadow:4px 4px 4px 4px rgb(194, 109,  
219) }
```

Background

The CSS property to change the background color of an element to YIQ 146.9550, 15.3500, 52.2300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 109, 219) }
```

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

```
.background{ background-color: rgb(194,  
109, 219) }
```

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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