

Converting Colors

YIQ(136.5250, 4.5770, 43.7210)

Have a look what the booklet for
YIQ(136.5250, 4.5770, 43.7210)
contains.

YIQ(136.5250, 4.5770, 43.7210)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(136.5250, 4.5770,
43.7210)**

Conversions

Conversions Part 1

Format	Color
Hex	A86BCE
RGB	168, 107, 206
RGB Percent	66%, 42%, 81%
CMY	0.3410, 0.5805, 0.1922
CMYK	0.18, 0.48, 0.00, 0.19
HSL	277°, 50%, 61%
HSV	277°, 48%, 81%
XYZ	32.5535, 23.2962, 61.1639
YIQ	136.5250, 4.5770, 43.7210

Conversions

Conversions Part 2

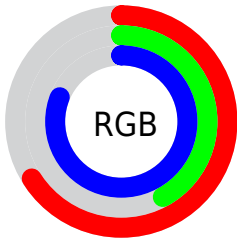
Format	Color
RYB	168, 107, 206
Decimal	11037646
CIELab	55.38, 42.17, -41.96
CIElCh	55, 59.491, 315.146
Yxy	23.2962, 0.2782, 0.1991
Android (android.graphics.Color)	4289227726 (0xFFA86BCE)
YUV	136.5250, 34.2512, 27.6036
Hunter-Lab	48.2662, 35.9249, -41.3472

Details

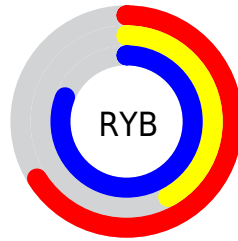
The YIQ color $136.5250, 4.5770, 43.7210$ is a light color, and the websafe version is hex $9966CC$. A complement of this color would be $176.4750, -4.5770, -43.7210$, and the grayscale version is $136.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $190.2650, 8.2450, 43.3250$, and $84.7590, 3.7980, 41.3180$ is the 20% darker color. If you saturate the color by 10%, you get $121.8060, 5.5840, 53.0080$, and if you desaturate by 10%, it is $151.2440, 3.5700, 34.4340$.

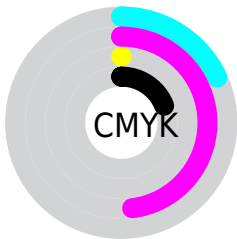
Distribution



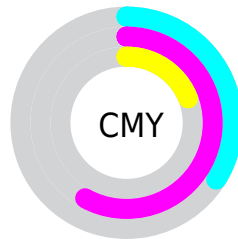
- Red (66%)
- Green (42%)
- Blue (81%)



- Red (66%)
- Yellow (42%)
- Blue (81%)



- Cyan (18%)
- Magenta (48%)
- Yellow (0%)
- Black (19%)



- Cyan (34%)
- Magenta (58%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 136.5250, 4.5770, 43.7210 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 136.5250, 4.5770, 43.7210 by changing the saturation by 10% instead.

136.5250, 4.5770,
43.7210

136.5250, 4.5770,
43.7210

255.0000, -0.0000,
-0.0000

110.5850, 4.3480,
42.3640

190.2650, 8.2450,
43.3250

84.7590, 3.7980,
41.3180

214.7850, 18.1040,
35.3520

59.0470, 2.9270,
40.5830

232.1070, 10.7250,
20.3970

31.2860, 3.7520,
42.1520

248.5430, 3.0250,
5.7530

19.3140, -2.6190,
30.9570

7.7220, -13.1160,
17.4440

4.4800, -9.8590,

7.9730

■ 0.0000, 0.0000,
0.0000

■ 136.5250, 4.5770,
43.7210

■ 136.5250, 4.5770,
43.7210

■ 121.8060, 5.5840,
53.0080

■ 151.2440, 3.5700,
34.4340

■ 107.6740, 6.3160,
61.7720

■ 165.3760, 2.8380,
25.6700

■ 92.9550, 7.3230,
71.0590

■ 180.0950, 1.8310,
16.3830

■ 78.8230, 8.0550,
79.8230

■ 194.2270, 1.0990,
7.6190

■ 64.4030, 9.6580,
89.3220

■ 208.9460, 0.0920,
-1.6680

61.4570, 9.5660,
90.9900

223.3660, -1.5110,
-11.1670

237.4980, -2.2430,
-19.9310

242.2380, 1.4250,
-20.3270

244.6300, 6.1930,
-18.6310

Harmonies

Analogous

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



125.8950, -64.6510, 20.7970



136.5250, 4.5770, 43.7210



132.4090, 51.9380, 49.9380

Triad

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



136.5250, 4.5770, 43.7210



126.9420, 66.6680, -18.8040



110.1710, -93.8930, -32.9730

Complementary

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



136.5250, 4.5770, 43.7210



176.4750, -4.5770, -43.7210

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.



102.8410, -76.0090, -48.7210



136.5250, 4.5770, 43.7210



122.4400, 38.0620, -40.0340

Square

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



136.5250, 4.5770, 43.7210



128.4550, 79.5460, 12.1380



115.4460, -14.8010, -45.6570



113.7680, -108.1550, -16.7870

Rectangle

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



136.5250, 4.5770, 43.7210



128.8870, 70.7830, 44.3110



115.4460, -14.8010, -45.6570



108.1190, -88.1150, -38.5710

Sweetspot

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



136.5250, 4.5770, 43.7210



229.6820, 1.5560, 15.8600



140.5920, -42.2290, 10.9150



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.



136.5250, 4.5770, 43.7210



151.0810, 6.7280, 65.3200



146.5190, 31.0770, 48.0450



94.9340, 0.3660, 4.3820



49.4220, 7.5060, 73.2500



11.5080, 2.1060, 16.9060

Inverse Universe

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



140.9330, 46.8060, 32.8060



157.7500, 69.9110, 49.1030



166.4810, -31.0770, -48.0450



95.4460, 4.6760, 3.3640



56.9300, 78.3920, 55.0960



13.0720, 17.8330, 12.7210

Previews

White Background



This preview shows how the YIQ color 136.5250, 4.5770, 43.7210 looks on a white background.

Color Contrast Check

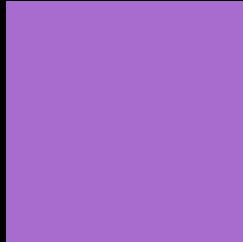
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.5250, 4.5770, 43.7210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

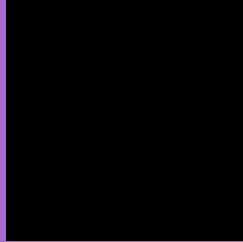
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 136.5250, 4.5770, 43.7210

Background



This preview shows how black text looks on a background with the YIQ color 136.5250, 4.5770, 43.7210.



This preview shows how white text looks on a background with the YIQ color 136.5250, 4.5770,

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

136.5250, 4.5770, 43.7210

Protanopia

129.3970, -54.3810, 21.8990

Deuteranopia

130.5970, -40.6250, 14.8870



Tritanopia

135.0070, 16.4580, 10.1060

Trichromacy



Original Color

136.5250, 4.5770, 43.7210

Protanomaly

132.1610, -32.9250, 29.5310

Deuteranomaly

132.7180, -24.4880, 25.3040

Tritanomaly

135.6450, 12.1460, 22.1780

Monochromacy



Original Color

136.5250, 4.5770, 43.7210

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

136.6820, 1.5560, 15.8600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.5250, 4.5770, 43.7210 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(168, 107, 206)` looks like.

```
.text, #text, p{  
    color:rgb(168, 107, 206)  
}
```

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(168, 107, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 107, 206) }
```

Border

The CSS property to change the border of an element to YIQ 136.5250, 4.5770, 43.7210 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(168, 107, 206) }
```


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

```
.border{ border-color:rgb(168, 107, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 107, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 107, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 107, 206);  
box-shadow:4px 4px 4px 4px rgb(168, 107,  
206) }
```

Background

The CSS property to change the background color of an element to YIQ 136.5250, 4.5770, 43.7210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 107, 206) }
```

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

```
.background{ background-color: rgb(168,  
107, 206) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor