

Converting Colors

YIQ(136.3180, 0.7260, 41.9260)

Have a look what the booklet for
YIQ(136.3180, 0.7260, 41.9260)
contains.

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Color

**YIQ(136.3180, 0.7260,
41.9260)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | A36DCF |
| RGB | 163, 109, 207 |
| RGB Percent | 64%, 43%, 81% |
| CMY | 0.3606, 0.5726, 0.1883 |
| CMYK | 0.21, 0.47, 0.00, 0.19 |
| HSL | 273°, 51%, 62% |
| HSV | 273°, 47%, 81% |
| XYZ | 31.8406, 23.2282, 61.8249 |
| YIQ | 136.3180, 0.7260, 41.9260 |

Conversions

Conversions Part 2

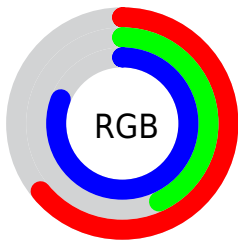
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 163, 109, 207 |
| Decimal | 10710479 |
| CIELab | 55.31, 39.90, -42.67 |
| CIELCh | 55, 58.421, 313.078 |
| Yxy | 23.2282, 0.2724, 0.1987 |
| Android (android.graphics.Color) | 4288900559 (0xFFA36DCF) |
| YUV | 136.3180, 34.8462, 23.4001 |
| Hunter-Lab | 48.1957, 33.5842, -42.3196 |

Details

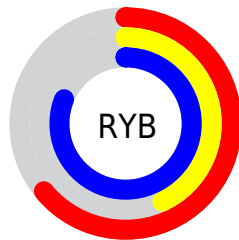
The YIQ color $136.3180, 0.7260, 41.9260$ is a light color, and the websafe version is hex $9966CC$. A complement of this color would be $179.6820, -0.7260, -41.9260$, and the grayscale version is $136.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $189.9440, 4.7150, 41.2190$, and $84.5520, -0.0530, 39.5230$ is the 20% darker color. If you saturate the color by 10%, you get $121.3000, 1.1370, 51.0010$, and if you desaturate by 10%, it is $151.3360, 0.3150, 32.8510$.

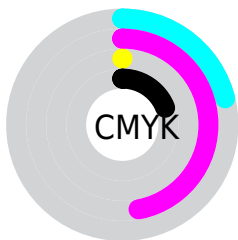
Distribution



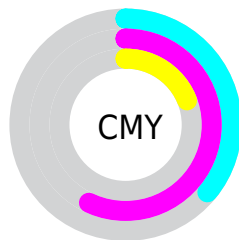
- Red (64%)
- Green (43%)
- Blue (81%)



- Red (64%)
- Yellow (43%)
- Blue (81%)



- Cyan (21%)
- Magenta (47%)
- Yellow (0%)
- Black (19%)



- Cyan (36%)
- Magenta (57%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 136.3180, 0.7260, 41.9260 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 136.3180, 0.7260, 41.9260 by changing the saturation by 10% instead.

136.3180, 0.7260,
41.9260

136.3180, 0.7260,
41.9260

255.0000, -0.0000,
-0.0000

110.3780, 0.4970,
40.5690

189.9440, 4.7150,
41.2190

84.5520, -0.0530,
39.5230

214.4640, 14.5740,
33.2460

59.7260, -0.6030,
38.4770

232.6940, 10.4500,
19.8740

33.4270, -1.1990,
38.2650

249.7170, 2.4750,
4.7070

17.6340, -6.5160,
29.9960

5.9280, -16.6920,
16.1720

4.5940, -10.1800,

8.2840

■ 0.0000, 0.0000,
0.0000

■ 136.3180, 0.7260,
41.9260

■ 136.3180, 0.7260,
41.9260

■ 121.3000, 1.1370,
51.0010

■ 151.3360, 0.3150,
32.8510

■ 106.5700, 0.6770,
59.3410

■ 166.0660, 0.7750,
24.5110

■ 91.5520, 1.0880,
68.4160

■ 181.0840, 0.3640,
15.4360

■ 76.5340, 1.4990,
77.4910

■ 196.1020, -0.0470,
6.3610

■ 61.5160, 1.9100,
86.5660

■ 210.5330, -0.1830,
-2.1910

■ 57.6840, 1.4970,
88.5450

■ 225.8500, 0.0020,
-11.0540

■ 240.8680, -0.4090,
-20.1290

■ 244.1460, 4.6800,
-18.7440

■ 247.1360, 10.6400,
-16.6240

Harmonies

Analogous

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



123.9760, -69.3730, 18.2670



136.3180, 0.7260, 41.9260



132.7290, 48.0410, 48.9770

Triad

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



136.3180, 0.7260, 41.9260



126.9360, 66.8050, -15.7790



109.1280, -92.3340, -33.6940

Complementary

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



136.3180, 0.7260, 41.9260



179.6820, -0.7260, -41.9260

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.



101.9120, -74.7710, -49.1310



136.3180, 0.7260, 41.9260



123.0920, 39.1620, -37.9420

Square

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



136.3180, 0.7260, 41.9260



128.3240, 78.5370, 13.9050



116.8380, -10.0330, -43.9610



113.3120, -106.8710, -18.0310

Rectangle

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



136.3180, 0.7260, 41.9260



129.2180, 68.3530, 44.2970



116.8380, -10.0330, -43.9610



107.0760, -86.5560, -39.2920

Sweetspot

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



136.3180, 0.7260, 41.9260



229.0840, 0.3640, 15.4360



146.0000, -43.5580, 7.4660



112.0960, 0.0900, 9.3860



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.



136.3180, 0.7260, 41.9260



150.4500, 1.1350, 62.0550



148.9040, 28.5550, 49.6990



97.0480, 0.0450, 4.6930



46.9590, 1.5000, 71.9640



11.5510, 0.5470, 17.6270

Inverse Universe

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



143.3180, 44.2840, 34.4600



160.7650, 65.5550, 50.9550



167.0960, -28.5550, -49.6990



97.8590, 4.9510, 3.8870



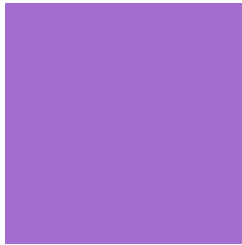
58.7820, 76.0530, 58.9410



14.3110, 18.6580, 14.2900

Previews

White Background



This preview shows how the YIQ color 136.3180, 0.7260, 41.9260 looks on a white background.

Color Contrast Check

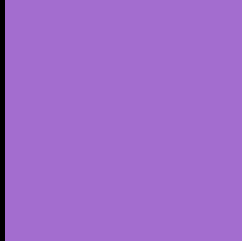
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.3180, 0.7260, 41.9260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

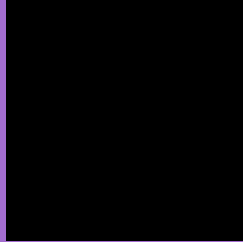
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 136.3180, 0.7260, 41.9260

Background



This preview shows how black text looks on a background with the YIQ color 136.3180, 0.7260, 41.9260.



This preview shows how white text looks on a background with the YIQ color 136.3180, 0.7260,

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

136.3180, 0.7260, 41.9260

Protanopia

129.2830, -54.0600, 21.5880

Deuteranopia

130.1130, -42.1380, 14.7740



Tritanopia

134.5010, 12.0110, 8.0990

Trichromacy



Original Color

136.3180, 0.7260, 41.9260

Protanomaly

131.5630, -34.1170, 29.1070

Deuteranomaly

132.5220, -26.8720, 24.4560

Tritanomaly

135.1390, 7.6990, 20.1710

Monochromacy



Original Color

136.3180, 0.7260, 41.9260

Achromatopsia

136.0000, -0.0000, 0.0000

Achromatomaly

136.0840, 0.3640, 15.4360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.3180, 0.7260, 41.9260 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(163, 109, 207)` looks like.

```
.text, #text, p{  
    color:rgb(163, 109, 207)  
}
```

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(163, 109, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 109, 207) }
```

Border

The CSS property to change the border of an element to YIQ 136.3180, 0.7260, 41.9260 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(163, 109, 207) }
```


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

```
.border{ border-color:rgb(163, 109, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 109, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 109, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 109, 207);  
box-shadow:4px 4px 4px 4px rgb(163, 109,  
207) }
```

Background

The CSS property to change the background color of an element to YIQ 136.3180, 0.7260, 41.9260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 109, 207) }
```

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

```
.background{ background-color: rgb(163,  
109, 207) }
```

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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