

Converting Colors

YIQ(137.3140, 23.7440, 32.2560)

Have a look what the booklet for
YIQ(137.3140, 23.7440, 32.2560)
contains.

YIQ(137.3140, 23.7440, 32.2560)	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(137.3140, 23.7440,
32.2560)**

Conversions

Conversions Part 1

Format	Color
Hex	B46EA6
RGB	180, 110, 166
RGB Percent	71%, 43%, 65%
CMY	0.2939, 0.5687, 0.3490
CMYK	0.00, 0.39, 0.08, 0.29
HSL	312°, 32%, 57%
HSV	312°, 39%, 71%
XYZ	31.2912, 23.6087, 38.9903
YIQ	137.3140, 23.7440, 32.2560

Conversions

Conversions Part 2

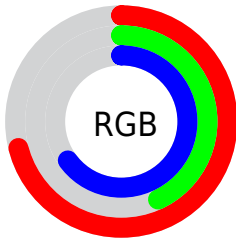
Format	Color
R _Y B	180, 110, 166
Decimal	11824806
CIE Lab	55.69, 36.22, -18.41
CIE LCh	56, 40.635, 333.053
Yxy	23.6087, 0.3333, 0.2514
Android (android.graphics.Color)	4290014886 (0xFFB46EA6)
YUV	137.3140, 14.1422, 37.4356
Hunter-Lab	48.5887, 29.9241, -13.5655

Details

The YIQ color **137.3140, 23.7440, 32.2560** is a light color, and the websafe version is hex **996699**. A complement of this color would be **152.6860, -23.7440, -32.2560**, and the grayscale version is **137.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **191.7380, 25.4860, 33.7260**, and **85.8900, 22.0020, 30.7860** is the 20% darker color. If you saturate the color by 10%, you get **126.2920, 29.9780, 40.4260**, and if you desaturate by 10%, it is **148.3360, 17.5100, 24.0860**.

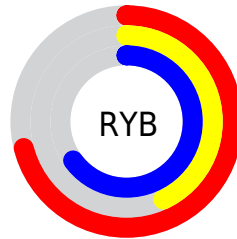
Distribution



Red (71%)

Green (43%)

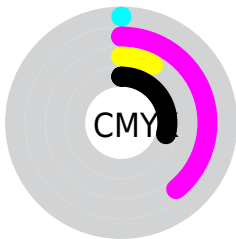
Blue (65%)



Red (71%)

Yellow (43%)

Blue (65%)

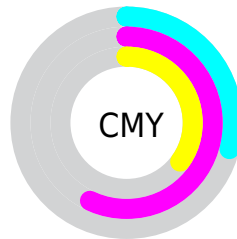


Cyan (0%)

Magenta (39%)

Yellow (8%)

Black (29%)



Cyan (29%)


Magenta (57%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 137.3140, 23.7440, 32.2560 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 137.3140, 23.7440, 32.2560 by changing the saturation by 10% instead.


 137.3140, 23.7440,
32.2560


 137.3140, 23.7440,
32.2560


255.0000, -0.0000,
-0.0000


 111.6020, 22.8730,
31.5210


 191.7380, 25.4860,
33.7260

 85.8900, 22.0020,
30.7860


 216.2750, 19.4800,
32.4400

 60.5910, 21.4060,
30.5740

 233.8680, 9.9000,
18.8280

 34.3460, 20.7180,
32.0300

 250.3040, 2.2000,
4.1840

 19.8520, 15.9970,
23.9730

 10.3960, 8.1130,
12.6650

 0.0000, 0.0000,

0.0000

■ 137.3140, 23.7440,
32.2560

■ 137.3140, 23.7440,
32.2560

■ 126.2920, 29.9780,
40.4260

■ 148.3360, 17.5100,
24.0860

■ 115.3840, 35.8910,
48.9070

■ 159.2440, 11.5970,
15.6050

■ 104.3620, 42.1250,
57.0770

■ 170.2660, 5.3630,
7.4350

■ 93.4540, 48.0380,
65.5580

■ 181.1740, -0.5500,
-1.0460

■ 82.4320, 54.2720,
73.7280

■ 192.1960, -6.7840,
-9.2160

■ 71.4100, 60.5060,
81.8980

■ 203.2180,
-13.0180, -17.3860

70.2360, 61.0560,
82.9440

214.1260,
-18.9310, -25.8670

225.1480,
-25.1650, -34.0370

226.0770,
-26.4030, -33.6270

Harmonies

Analogous

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



136.3620, -11.7420, 25.5860



137.3140, 23.7440, 32.2560



135.4830, 47.9530, 28.5370

Triad

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



137.3140, 23.7440, 32.2560



130.1740, 33.8400, -18.5760



107.5440, -96.1410, -25.2690

Complementary

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



137.3140, 23.7440, 32.2560



152.6860, -23.7440, -32.2560

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.



104.1410, -85.1810, -36.6770



137.3140, 23.7440, 32.2560



126.5340, 6.1030, -28.0170

Square

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



137.3140, 23.7440, 32.2560



132.3540, 51.4890, -2.5190



119.1950, -32.5470, -32.4110



107.4590, -102.7910, -14.8790

Rectangle

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



137.3140, 23.7440, 32.2560



134.3340, 55.3820, 20.5500



119.1950, -32.5470, -32.4110



106.8770, -92.8850, -29.2130

Sweetspot

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



137.3140, 23.7440, 32.2560



217.2930, 9.9010, 13.3010



122.1660, -14.1260, 24.7380



107.2660, 5.3630, 7.4350



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



137.3140, 23.7440, 32.2560



167.3350, 37.5870, 51.2110



133.3240, 34.9790, 21.3710



83.4890, 3.1170, 4.0850



59.6550, 52.0260, 70.3780



10.0540, 9.0760, 11.7320

Inverse Universe

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



137.3140, 23.7440, 32.2560



167.3350, 37.5870, 51.2110



156.6760, -34.9790, -21.3710



83.4890, 3.1170, 4.0850



59.6550, 52.0260, 70.3780



10.0540, 9.0760, 11.7320

Previews

White Background



This preview shows how the YIQ color 137.3140, 23.7440, 32.2560 looks on a white background.

Color Contrast Check

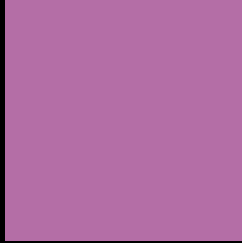
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.3140, 23.7440, 32.2560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

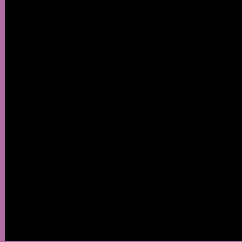
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 137.3140, 23.7440, 32.2560

Background



This preview shows how black text looks on a background with the YIQ color 137.3140, 23.7440, 32.2560.



This preview shows how white text looks on a background with the YIQ color 137.3140, 23.7440,

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

137.3140, 23.7440, 32.2560

Protanopia

133.8130, -23.7980, 12.7940

Deuteranopia

135.1320, -8.7590, 10.0650



Tritanopia

136.0690, 31.0830, 14.8830

Trichromacy



Original Color

137.3140, 23.7440, 32.2560

Protanomaly

135.0110, -6.5600, 19.7760

Deuteranomaly

135.6330, 3.2520, 18.1640

Tritanomaly

136.5020, 28.6060, 21.2300

Monochromacy



Original Color

137.3140, 23.7440, 32.2560

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

137.1680, 8.7550, 12.0430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.3140, 23.7440, 32.2560 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(180, 110, 166)` looks like.

```
.text, #text, p{  
    color:rgb(180, 110, 166)  
}
```

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(180, 110, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 110, 166) }
```

Border

The CSS property to change the border of an element to YIQ 137.3140, 23.7440, 32.2560 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(180, 110, 166) }
```


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

```
.border{ border-color:rgb(180, 110, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 110, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 110, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 110, 166);  
box-shadow:4px 4px 4px 4px rgb(180, 110,  
166) }
```

Background

The CSS property to change the background color of an element to YIQ 137.3140, 23.7440, 32.2560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 110, 166) }
```

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

```
.background{ background-color: rgb(180,  
110, 166) }
```

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