

Converting Colors

YIQ(137.4010, -7.4780, 25.4020)

Have a look what the booklet for
YIQ(137.4010, -7.4780, 25.4020)
contains.

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Color

**YIQ(137.4010, -7.4780,
25.4020)**

Conversions

Conversions Part 1

Format	Color
Hex	927BBD
RGB	146, 123, 189
RGB Percent	57%, 48%, 74%
CMY	0.4273, 0.5177, 0.2589
CMYK	0.23, 0.35, 0.00, 0.26
HSL	261°, 33%, 61%
HSV	261°, 35%, 74%
XYZ	28.1233, 23.9500, 51.2729
YIQ	137.4010, -7.4780, 25.4020

Conversions

Conversions Part 2

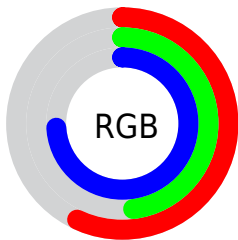
Format	Color
RYB	146, 123, 189
Decimal	9599933
CIELab	56.04, 22.67, -31.40
CIELCh	56, 38.727, 305.835
Yxy	23.9500, 0.2721, 0.2317
Android (android.graphics.Color)	4287790013 (0xFF927BBD)
YUV	137.4010, 25.4383, 7.5413
Hunter-Lab	48.9388, 16.9344, -27.8608

Details

The YIQ color **137.4010, -7.4780, 25.4020** is a light color, and the websafe version is hex **996699**. A complement of this color would be **174.5990, 7.4780, -25.4020**, and the grayscale version is **137.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **191.4550, -7.5700, 27.0700**, and **86.9340, -7.6610, 23.2110** is the 20% darker color. If you saturate the color by 10%, you get **122.6600, -9.4050, 32.7950**, and if you desaturate by 10%, it is **152.1420, -5.5510, 18.0090**.

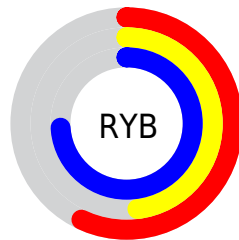
Distribution



Red (57%)

Green (48%)

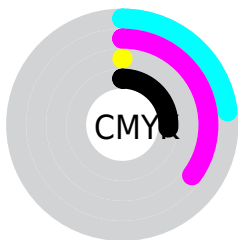
Blue (74%)



Red (57%)

Yellow (48%)

Blue (74%)

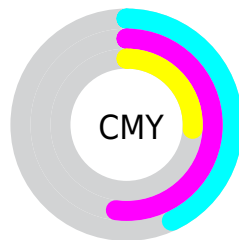


Cyan (23%)

Magenta (35%)

Yellow (0%)

Black (26%)



Cyan (43%)

Magenta (52%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 137.4010, -7.4780, 25.4020 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 137.4010, -7.4780, 25.4020 by changing the saturation by 10% instead.

■ 137.4010, -7.4780,
25.4020

■ 137.4010, -7.4780,
25.4020

■ 255.0000, -0.0000,
-0.0000

■ 111.8740, -7.4320,
24.5680

■ 191.4550, -7.5700,
27.0700

■ 86.9340, -7.6610,
23.2110

■ 216.7020, -1.1960,
21.6840

■ 63.1080, -8.2110,
22.1650

■ 240.9120, 6.6000,
12.5520

■ 40.1680, -8.4400,
20.8080

■ 17.6300, -9.8610,
19.0270

■ 4.4460, -12.5190,
12.1290

■ 2.5250, -5.7320,

4.7640

■ 0.0000, 0.0000,
0.0000

■ 137.4010, -7.4780,
25.4020

■ 137.4010, -7.4780,
25.4020

■ 122.6600, -9.4050,
32.7950

■ 152.1420, -5.5510,
18.0090

■ 107.6200,
-11.9280, 39.9760

■ 167.1820, -3.0280,
10.8280

■ 92.8790, -13.8550,
47.3690

■ 181.9230, -1.1010,
3.4350

■ 78.1380, -15.7820,
54.7620

■ 196.6640, 0.8260,
-3.9580

■ 63.9840, -17.9840,
61.6320

■ 211.1170, 3.6240,
-10.6160

■ 48.9440, -20.5070,
68.8130

■ 225.8580, 5.5510,
-18.0090

■ 41.2800, -21.3330,
72.7710

■ 240.5990, 7.4780,
-25.4020

■ 244.1870, 14.6300,
-22.8580

■ 247.4760, 21.1860,
-20.5260

Harmonies

Analogous

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



129.9550, -47.6850, 10.6750



137.4010, -7.4780, 25.4020



137.8580, 25.0280, 31.0120

Triad

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



137.4010, -7.4780, 25.4020



133.4460, 48.2340, -4.1020



105.1840, -86.7400, -35.9560

Complementary

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



137.4010, -7.4780, 25.4020



174.5990, 7.4780, -25.4020

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.



120.7650, -34.1520, -30.8560



137.4010, -7.4780, 25.4020



131.3200, 30.4930, -18.4910

Square

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



137.4010, -7.4780, 25.4020



135.1070, 54.2830, 12.9310



127.2070, 2.7100, -27.0980



107.7720, -96.7830, -24.6470

Rectangle

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



137.4010, -7.4780, 25.4020



136.7750, 41.2590, 28.7070



127.2070, 2.7100, -27.0980



108.3120, -72.4810, -35.5610

Sweetspot

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



137.4010, -7.4780, 25.4020



225.5410, -2.6610, 9.6830



156.3520, -33.2860, -2.4860



111.0910, -1.5140, 5.4140



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



137.4010, -7.4780, 25.4020



164.5060, -11.6070, 39.6650



146.9690, 11.5940, 32.1860



86.9230, -1.1010, 3.4350



34.4570, -17.9380, 60.7980



6.8230, -3.3950, 11.9730

Inverse Universe

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



147.6360, 25.5330, 27.3650



180.4350, 39.8810, 42.6730



165.0310, -11.5940, -32.1860



88.3750, 3.4380, 3.7740



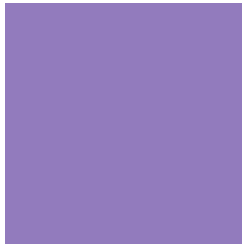
58.9840, 61.1050, 65.5290



11.5490, 12.0560, 12.7920

Previews

White Background



This preview shows how the YIQ color 137.4010, -7.4780, 25.4020 looks on a white background.

Color Contrast Check

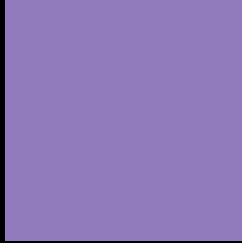
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.4010, -7.4780, 25.4020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

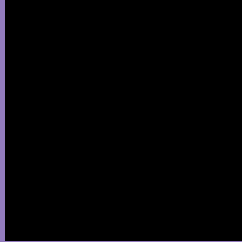
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 137.4010, -7.4780, 25.4020

Background



This preview shows how black text looks on a background with the YIQ color 137.4010, -7.4780, 25.4020.



This preview shows how white text looks on a background with the YIQ color 137.4010, -7.4780,

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

137.4010, -7.4780, 25.4020

Protanopia

133.6150, -31.8680, 15.8760

Deuteranopia

134.3720, -26.8700, 13.4020



Tritanopia

135.0480, 0.0450, 4.6930

Trichromacy



Original Color

137.4010, -7.4780, 25.4020

Protanomaly

135.1000, -22.9280, 19.0560

Deuteranomaly

135.4270, -19.5350, 18.1370

Tritanomaly

136.1220, -2.7990, 12.1850

Monochromacy



Original Color

137.4010, -7.4780, 25.4020

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

137.1280, -2.9360, 9.1600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.4010, -7.4780, 25.4020 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(146, 123, 189)` looks like.

```
.text, #text, p{  
    color:rgb(146, 123, 189)  
}
```

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(146, 123, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 123, 189) }
```

Border

The CSS property to change the border of an element to YIQ 137.4010, -7.4780, 25.4020 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(146, 123, 189) }
```


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

```
.border{ border-color:rgb(146, 123, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 123, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 123, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 123, 189);  
box-shadow:4px 4px 4px 4px rgb(146, 123,  
189) }
```

Background

The CSS property to change the background color of an element to YIQ 137.4010, -7.4780, 25.4020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 123, 189) }
```

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

```
.background{ background-color: rgb(146,  
123, 189) }
```

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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