

Converting Colors

YIQ(137.4520, 13.7070, 10.4030)

Have a look what the booklet for
YIQ(137.4520, 13.7070, 10.4030)
contains.

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Color

**YIQ(137.4520, 13.7070,
10.4030)**

Conversions

Conversions Part 1

Format	Color
Hex	9D7F8C
RGB	157, 127, 140
RGB Percent	62%, 50%, 55%
CMY	0.3842, 0.5020, 0.4509
CMYK	0.00, 0.19, 0.11, 0.38
HSL	334°, 13%, 56%
HSV	334°, 19%, 62%
XYZ	26.2308, 24.2394, 28.1115
YIQ	137.4520, 13.7070, 10.4030

Conversions

Conversions Part 2

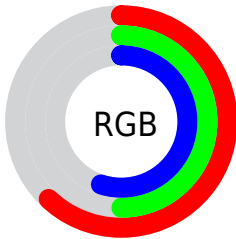
Format	Color
R _Y B	157, 127, 140
Decimal	10321804
CIE Lab	56.33, 13.78, -2.65
CIE LCh	56, 14.032, 349.112
Yxy	24.2394, 0.3338, 0.3085
Android (android.graphics.Color)	4288511884 (0xFF9D7F8C)
YUV	137.4520, 1.2562, 17.1436
Hunter-Lab	49.2335, 8.9430, 0.6099

Details

The YIQ color $137.4520, 13.7070, 10.4030$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $146.5480, -13.7070, -10.4030$, and the grayscale version is $137.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $191.1640, 14.5780, 11.1380$, and $87.4410, 12.2400, 9.4560$ is the 20% darker color. If you saturate the color by 10%, you get $127.0340, 20.9960, 15.9720$, and if you desaturate by 10%, it is $147.8700, 6.4180, 4.8340$.

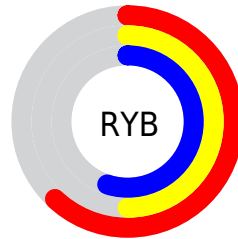
Distribution



Red (62%)

Green (50%)

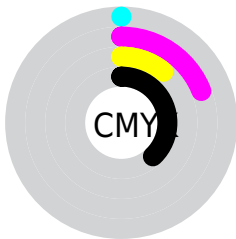
Blue (55%)



Red (62%)

Yellow (50%)

Blue (55%)

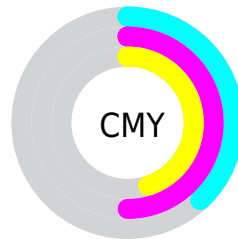


Cyan (0%)

Magenta (19%)

Yellow (11%)

Black (38%)



Cyan (38%)


Magenta (50%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 137.4520, 13.7070, 10.4030 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 137.4520, 13.7070, 10.4030 by changing the saturation by 10% instead.


 137.4520, 13.7070,
10.4030


 137.4520, 13.7070,
10.4030


255.0000, -0.0000,
-0.0000

 112.1530, 13.1110,
10.1910


 191.1640, 14.5780,
11.1380


 87.4410, 12.2400,
9.4560

 218.4630, 15.1740,
11.3500

 64.1420, 11.6440,
9.2440

 243.2770, 6.8300,
8.3820

 41.8430, 11.0480,
9.0320

 20.5440, 10.4520,
8.8200

 0.0000, 0.0000,
0.0000

■ 137.4520, 13.7070,
10.4030

■ 137.4520, 13.7070,
10.4030

■ 127.0340, 20.9960,
15.9720

■ 147.8700, 6.4180,
4.8340

■ 117.2030, 28.0100,
21.0180

■ 157.7010, -0.5960,
-0.2120

■ 106.7850, 35.2990,
26.5870

■ 168.1190, -7.8850,
-5.7810

■ 96.3670, 42.5880,
32.1560

■ 178.5370,
-15.1740, -11.3500

■ 86.0630, 49.5560,
38.0360

■ 188.8410,
-22.1420, -17.2300

■ 76.2320, 56.5700,
43.0820

■ 198.6720,
-29.1560, -22.2760

■ 65.8140, 63.8590,
48.6510

■ 209.0900,
-36.4450, -27.8450

■ 55.3960, 71.1480,

■ 219.5080,

54.2200

-43.7340, -33.4140

■ 54.6950, 71.7440,
54.4320

■ 221.7080,
-47.1730, -31.6610

Harmonies

Analogous

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



137.4770, 3.3910, 10.1350



137.4520, 13.7070, 10.4030



137.2800, 19.9430, 7.5190

Triad

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



137.4520, 13.7070, 10.4030



133.8510, 7.4290, -7.9870



131.6040, -25.3080, -3.9000

Complementary

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



137.4520, 13.7070, 10.4030



146.5480, -13.7070, -10.4030

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.



130.4530, -23.5650, -7.9570



137.4520, 13.7070, 10.4030



132.2240, -3.9870, -10.3470

Square

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



137.4520, 13.7070, 10.4030



135.2760, 16.5980, -3.4500



131.0640, -15.2200, -10.5160



133.2290, -19.5780, 2.3900

Rectangle

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



137.4520, 13.7070, 10.4030



136.6560, 21.6400, 4.2960



131.0640, -15.2200, -10.5160



130.6640, -25.5370, -5.2570

Sweetspot

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



137.4520, 13.7070, 10.4030



196.1580, 5.5470, 4.0990



135.5030, 0.5020, 12.9340



97.4350, 3.2090, 2.4170



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



137.4520, 13.7070, 10.4030



173.3330, 21.5920, 16.1840



136.5570, 17.6050, 5.8370



73.8480, 3.4840, 2.9400



49.8250, 65.3260, 49.5980



5.2830, 6.6930, 5.3570

Inverse Universe

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



137.4520, 13.7070, 10.4030



173.3330, 21.5920, 16.1840



147.4430, -17.6050, -5.8370



73.8480, 3.4840, 2.9400



49.8250, 65.3260, 49.5980



5.2830, 6.6930, 5.3570

Previews

White Background



This preview shows how the YIQ color 137.4520, 13.7070, 10.4030 looks on a white background.

Color Contrast Check

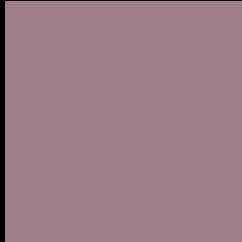
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.4520, 13.7070, 10.4030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

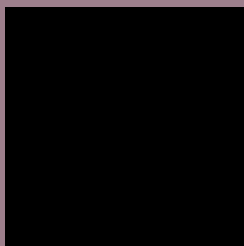
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 137.4520, 13.7070, 10.4030

Background



This preview shows how black text looks on a background with the YIQ color 137.4520, 13.7070, 10.4030.



This preview shows how white text looks on a background with the YIQ color 137.4520, 13.7070,

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

137.4520, 13.7070, 10.4030

Protanopia

135.4390, -2.6140, 3.3220

Deuteranopia

136.3970, 6.3720, 5.6680



Tritanopia

137.1100, 14.6700, 9.4700

Trichromacy



Original Color

137.4520, 13.7070, 10.4030

Protanomaly

135.9560, 3.3000, 6.2760

Deuteranomaly

137.0060, 9.0310, 7.0390

Tritanomaly

137.2240, 14.3490, 9.7810

Monochromacy



Original Color

137.4520, 13.7070, 10.4030

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

136.8590, 4.9510, 3.8870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.4520, 13.7070, 10.4030 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(157, 127, 140)` looks like.

```
.text, #text, p{  
    color:rgb(157, 127, 140)  
}
```

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(157, 127, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 127, 140) }
```

Border

The CSS property to change the border of an element to YIQ 137.4520, 13.7070, 10.4030 is called "border". The border property can be set on classes, ids or directly on the HTML element.

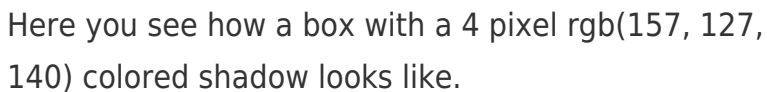
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 127, 140) }
```


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

```
.border{ border-color:rgb(157, 127, 140) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 127, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 127, 140); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 127, 140); box-shadow:4px 4px 4px 4px rgb(157, 127, 140) }
```

Background

The CSS property to change the background color of an element to YIQ 137.4520, 13.7070, 10.4030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 127, 140) }
```

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

```
.background{ background-color: rgb(157,  
127, 140) }
```

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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