

Converting Colors

YIQ(137.8020, 44.6560, 5.6800)

Have a look what the booklet for
YIQ(137.8020, 44.6560, 5.6800)
contains.

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Color

**YIQ(137.8020, 44.6560,
5.6800)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | B87A62 |
| RGB | 184, 122, 98 |
| RGB Percent | 72%, 48%, 38% |
| CMY | 0.2783, 0.5217, 0.6155 |
| CMYK | 0.00, 0.34, 0.47, 0.28 |
| HSL | 17°, 38%, 55% |
| HSV | 17°, 47%, 72% |
| XYZ | 28.9386, 24.9900, 14.8660 |
| YIQ | 137.8020, 44.6560, 5.6800 |

Conversions

Conversions Part 2

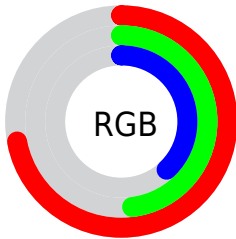
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 184, 131, 98 |
| Decimal | 12089954 |
| CIELab | 57.07, 21.43, 22.99 |
| CIELCh | 57, 31.430, 47.010 |
| Yxy | 24.9900, 0.4207, 0.3633 |
| Android (android.graphics.Color) | 4290280034 (0xFFB87A62) |
| YUV | 137.8020, -19.6224, 40.5156 |
| Hunter-Lab | 49.9900, 15.8490, 17.3614 |

Details

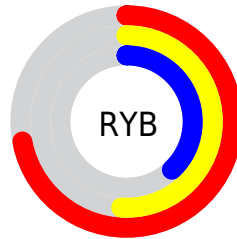
The YIQ color **137.8020, 44.6560, 5.6800** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **144.1980, -44.6560, -5.6800**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **192.0690, 48.2780, 6.1180**, and **86.9370, 39.8420, 4.8180** is the 20% darker color. If you saturate the color by 10%, you get **128.1190, 54.0090, 6.8810**, and if you desaturate by 10%, it is **147.4850, 35.3030, 4.4790**.

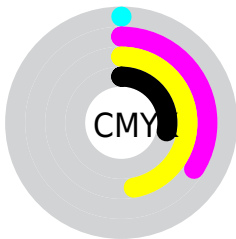
Distribution



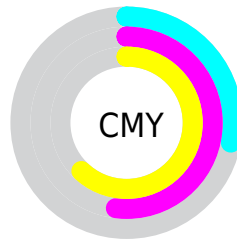
- Red (72%)
- Green (48%)
- Blue (38%)



- Red (72%)
- Yellow (51%)
- Blue (38%)



- Cyan (0%)
- Magenta (34%)
- Yellow (47%)
- Black (28%)





- Cyan (28%)
- Magenta (52%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 137.8020, 44.6560, 5.6800 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 137.8020, 44.6560, 5.6800 by changing the saturation by 10% instead.


 137.8020, 44.6560,
5.6800


 137.8020, 44.6560,
5.6800


255.0000, -0.0000,
-0.0000


 112.0190, 42.5470,
5.3550


 192.0690, 48.2780,
6.1180


 86.9370, 39.8420,
4.8180


 214.8830, 39.9340,
3.1500


 62.9690, 36.8160,
4.5920

 234.9840, 23.2920,
-3.6200

 38.9580, 35.3490,
3.6450

 252.2640, 7.7040,
-7.4640

 17.8850, 28.4250,
7.9850

 5.9800, 11.9200,
4.2400

 0.0000, 0.0000,

0.0000

■ 137.8020, 44.6560,
5.6800

■ 137.8020, 44.6560,
5.6800

■ 128.1190, 54.0090,
6.8810

■ 147.4850, 35.3030,
4.4790

■ 117.7350, 63.9580,
8.2940

■ 157.8690, 25.3540,
3.0660

■ 108.0520, 73.3110,
9.4950

■ 167.5520, 16.0010,
1.8650

■ 98.2550, 82.9850,
10.3850

■ 177.3490, 6.3270,
0.9750

■ 88.5720, 92.3380,
11.5860

■ 187.0320, -3.0260,
-0.2260

■ 84.9530, 95.6390,
12.3350

■ 197.3020,
-12.6540, -1.9500

■ 207.0990,
-22.3280, -2.8400

■ 216.7820,
-31.6810, -4.0410

■ 226.1400,
-38.7410, -8.2530

Harmonies

Analogous

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



139.1090, 42.7740, 17.7660



137.8020, 44.6560, 5.6800



136.1070, 35.9470, -7.1970

Triad

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



137.8020, 44.6560, 5.6800



124.8990, -37.2250, -24.7210



136.9810, -24.2110, 14.7730

Complementary

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



137.8020, 44.6560, 5.6800



144.1980, -44.6560, -5.6800

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.



128.6240, -54.4230, 0.6250



137.8020, 44.6560, 5.6800



117.3160, -69.1360, -24.5920

Square

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



137.8020, 44.6560, 5.6800



130.1660, -7.2400, -22.9840



117.0950, -78.3990, -16.4070



140.5780, 5.0850, 23.4930

Rectangle

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



137.8020, 44.6560, 5.6800



134.3180, 24.8070, -14.5610



117.0950, -78.3990, -16.4070



134.4850, -34.6180, 10.6460

Sweetspot

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



137.8020, 44.6560, 5.6800



221.4490, 17.7890, 2.5010



130.8960, 31.0330, 37.8250



108.8010, 10.8660, 1.3140



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



137.8020, 44.6560, 5.6800



167.6710, 70.0100, 8.7460



162.4560, 33.1060, -16.2860



86.8650, 4.8140, 0.8620



71.8850, 81.1510, 10.5830



13.0680, 14.4880, 1.7520

Inverse Universe

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



144.1980, -44.6560, -5.6800



177.3290, -70.0100, -8.7460



119.5440, -33.1060, 16.2860



87.5480, -4.5390, -0.3390



83.5280, -80.8760, -10.0600



14.9320, -14.4880, -1.7520

Previews

White Background



This preview shows how the YIQ color 137.8020, 44.6560, 5.6800 looks on a white background.

Color Contrast Check

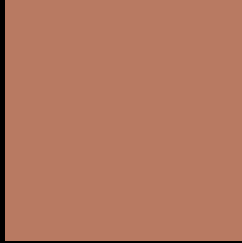
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.8020, 44.6560, 5.6800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

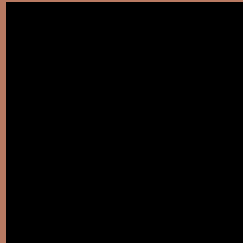
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 137.8020, 44.6560, 5.6800

Background



This preview shows how black text looks on a background with the YIQ color 137.8020, 44.6560, 5.6800.



This preview shows how white text looks on a background with the YIQ color 137.8020, 44.6560,

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

137.8020, 44.6560, 5.6800

Protanopia

136.3420, 16.2320, -7.8320

Deuteranopia

136.8770, 30.9030, -3.8890



Tritanopia

139.3580, 37.6390, 17.2150

Trichromacy



Original Color

137.8020, 44.6560, 5.6800

Protanomaly

136.9520, 26.3180, -3.3940

Deuteranomaly

137.3230, 35.5790, -0.5250

Tritanomaly

138.3920, 40.2990, 13.0590

Monochromacy



Original Color

137.8020, 44.6560, 5.6800

Achromatopsia

138.0000, -0.0000, -0.0000

Achromatomaly

137.8510, 16.5970, 2.0770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.8020, 44.6560, 5.6800 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(184, 122, 98)` looks like.

```
.text, #text, p{  
    color:rgb(184, 122, 98)  
}
```

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(184, 122, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 122, 98) }
```

Border

The CSS property to change the border of an element to YIQ 137.8020, 44.6560, 5.6800 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(184, 122, 98) }
```


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

```
.border{ border-color:rgb(184, 122, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 122, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 122, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 122, 98);  
box-shadow:4px 4px 4px 4px rgb(184, 122,  
98) }
```

Background

The CSS property to change the background color of an element to YIQ 137.8020, 44.6560, 5.6800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 122, 98) }
```

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

```
.background{ background-color: rgb(184,  
122, 98) }
```

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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