

Converting Colors

YIQ(137.5800, 62.3560, -6.7320)

Have a look what the booklet for
YIQ(137.5800, 62.3560, -6.7320)
contains.

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Color

**YIQ(137.5800, 62.3560,
-6.7320)**

Conversions

Conversions Part 1

Format	Color
Hex	C17D39
RGB	193, 125, 57
RGB Percent	76%, 49%, 22%
CMY	0.2430, 0.5099, 0.7762
CMYK	0.00, 0.35, 0.70, 0.24
HSL	30°, 54%, 49%
HSV	30°, 70%, 76%
XYZ	30.0705, 26.2976, 7.3720
YIQ	137.5800, 62.3560, -6.7320

Conversions

Conversions Part 2

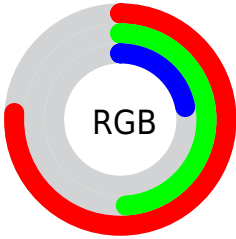
Format	Color
R _Y B	193, 193, 57
Decimal	12680505
CIE Lab	58.32, 20.36, 46.62
CIE LCh	58, 50.872, 66.407
Yxy	26.2976, 0.4718, 0.4126
Android (android.graphics.Color)	4290870585 (0xFFC17D39)
YUV	137.5800, -39.7259, 48.6033
Hunter-Lab	51.2812, 14.9276, 27.3735

Details

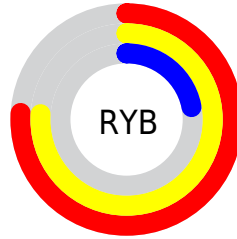
The YIQ color **137.5800, 62.3560, -6.7320** is a dark color, and the websafe version is hex **996600**. The color can be described as dark muted orange. A complement of this color would be **112.4200, -62.3560, 6.7320**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **192.3310, 67.4910, -6.1810**, and **85.3190, 58.5970, -10.1950** is the 20% darker color. If you saturate the color by 10%, you get **129.5440, 71.2050, -7.4110**, and if you desaturate by 10%, it is **145.6160, 53.5070, -6.0530**.

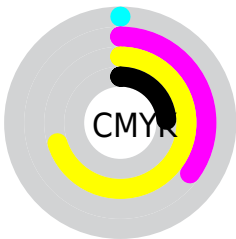
Distribution



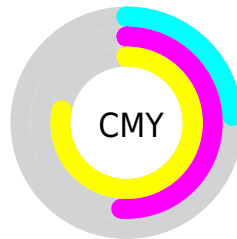
- Red (76%)
- Green (49%)
- Blue (22%)



- Red (76%)
- Yellow (76%)
- Blue (22%)



- Cyan (0%)
- Magenta (35%)
- Yellow (70%)
- Black (24%)



- Cyan (24%)
- Magenta (51%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 137.5800, 62.3560, -6.7320 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 137.5800, 62.3560, -6.7320 by changing the saturation by 10% instead.

■ 137.5800, 62.3560,
-6.7320

■ 137.5800, 62.3560,
-6.7320

■ 255.0000, -0.0000,
-0.0000

■ 111.3840, 59.9720,
-7.5800

■ 192.3310, 67.4910,
-6.1810

■ 85.3190, 58.5970,
-10.1950

■ 211.7420, 52.9120,
-11.7920

■ 63.1040, 49.1970,
-5.0350

■ 231.8430, 36.2700,
-18.5620

■ 41.8180, 38.5590,
0.5350

■ 247.3620, 21.5070,
-20.8370

■ 20.8310, 28.5170,
6.3170

■ 250.5540, 12.5190,
-12.1290

■ 7.8880, 15.1750,
5.8230

■ 253.7460, 3.5310,

■ 0.0000, 0.0000,

-3.4210

0.0000

■ 137.5800, 62.3560,
-6.7320

■ 137.5800, 62.3560,
-6.7320

■ 129.5440, 71.2050,
-7.4110

■ 145.6160, 53.5070,
-6.0530

■ 121.9810, 80.1000,
-8.9240

■ 153.1790, 44.6120,
-4.5400

■ 114.0590, 88.6280,
-9.2920

■ 161.2150, 35.7630,
-3.8610

■ 169.2510, 26.9140,
-3.1820

■ 176.8140, 18.0190,
-1.6690

■ 184.8500, 9.1700,
-0.9900

■ 192.8860, 0.3210,
-0.3110

■ 200.4490, -8.5740,
1.2020

■ 208.4850,
-17.4230, 1.8810

Harmonies

Analogous

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



138.5390, 70.7420, 17.5100



137.5800, 62.3560, -6.7320



134.5410, 39.7560, -26.6760

Triad

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



137.5800, 62.3560, -6.7320



112.0800, -92.3790, -38.3870



143.3010, -9.7720, 33.9400

Complementary

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



137.5800, 62.3560, -6.7320



112.4200, -62.3560, 6.7320

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.



130.6890, -70.2430, 12.0050



137.5800, 62.3560, -6.7320



116.3950, -105.9070, -24.4910

Square

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



137.5800, 62.3560, -6.7320



115.8280, -56.7990, -44.4390



115.5920, -113.2910, -11.8110



143.3850, 34.1500, 41.9100

Rectangle

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



137.5800, 62.3560, -6.7320



131.4070, 16.4660, -34.1100



115.5920, -113.2910, -11.8110



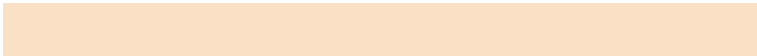
141.7440, -27.3770, 28.1030

Sweetspot

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



137.5800, 62.3560, -6.7320



228.6960, 24.1630, -2.8850



105.6440, 58.5860, 50.6020



112.0740, 14.3510, -1.2730



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



137.5800, 62.3560, -6.7320



163.4960, 97.5230, -10.8050



176.3220, 44.2060, -41.2500



92.9250, 4.5850, -0.4950



95.0990, 73.9560, -7.7080



19.8460, 14.9930, -1.8950

Inverse Universe

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



112.4200, -62.3560, 6.7320



124.0910, -97.7980, 10.2820



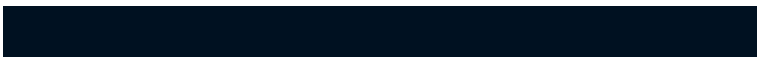
73.6780, -44.2060, 41.2500



91.0750, -4.5850, 0.4950



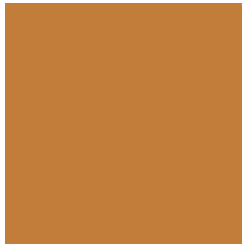
65.3140, -73.6810, 8.2310



13.7410, -15.2680, 1.3720

Previews

White Background



This preview shows how the YIQ color 137.5800, 62.3560, -6.7320 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 137.5800, 62.3560, -6.7320 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 137.5800, 62.3560, -6.7320

Background



This preview shows how black text looks on a background with the YIQ color 137.5800, 62.3560, -6.7320.



This preview shows how white text looks on a background with the YIQ color 137.5800, 62.3560, -6.7320.

-6.7320.

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

137.5800, 62.3560, -6.7320

Protanopia

136.4790, 34.2990, -21.3890

Deuteranopia

137.2530, 49.7950, -15.8770



Tritanopia

142.5330, 44.5160, 19.2360

Trichromacy



Original Color

137.5800, 62.3560, -6.7320

Protanomaly

136.6160, 44.3390, -16.1170

Deuteranomaly

137.6990, 54.4710, -12.5130

Tritanomaly

141.1450, 51.1200, 9.6800

Monochromacy



Original Color

137.5800, 62.3560, -6.7320

Achromatopsia

138.0000, -0.0000, -0.0000

Achromatomaly

137.7390, 22.6040, -2.1640

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.5800, 62.3560, -6.7320 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(193, 125, 57)` looks like.

```
.text, #text, p{  
    color:rgb(193, 125, 57)  
}
```

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(193, 125, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 125, 57) }
```

Border

The CSS property to change the border of an element to YIQ 137.5800, 62.3560, -6.7320 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(193, 125, 57) }
```


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

```
.border{ border-color:rgb(193, 125, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 125, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 125, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 125, 57);  
box-shadow:4px 4px 4px 4px rgb(193, 125,  
57) }
```

Background

The CSS property to change the background color of an element to YIQ 137.5800, 62.3560, -6.7320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 125, 57) }
```

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

```
.background{ background-color: rgb(193,  
125, 57) }
```

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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