

Converting Colors

YIQ(137.0600, 44.4700, 20.0700)

Have a look what the booklet for
YIQ(137.0600, 44.4700, 20.0700)
contains.

YIQ(137.0600, 44.4700, 20.0700)	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(137.0600, 44.4700,
20.0700)**

Conversions

Conversions Part 1

Format	Color
Hex	C0707A
RGB	192, 112, 122
RGB Percent	75%, 44%, 48%
CMY	0.2469, 0.5609, 0.5214
CMYK	0.00, 0.42, 0.36, 0.25
HSL	352°, 39%, 60%
HSV	352°, 42%, 75%
XYZ	31.0569, 24.2001, 21.4606
YIQ	137.0600, 44.4700, 20.0700

Conversions

Conversions Part 2

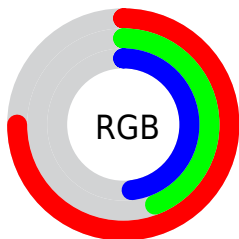
Format	Color
RYB	192, 112, 122
Decimal	12611706
CIELab	56.29, 32.80, 8.24
CIELCh	56, 33.819, 14.105
Yxy	24.2001, 0.4048, 0.3154
Android (android.graphics.Color)	4290801786 (0xFFC0707A)
YUV	137.0600, -7.4246, 48.1824
Hunter-Lab	49.1936, 26.6017, 8.5705

Details

The YIQ color **137.0600, 44.4700, 20.0700** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **166.9400, -44.4700, -20.0700**, and the grayscale version is **137.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **191.4410, 47.7710, 20.8190**, and **85.4940, 40.2520, 19.4200** is the 20% darker color. If you saturate the color by 10%, you get **123.9690, 55.1520, 24.7200**, and if you desaturate by 10%, it is **150.1510, 33.7880, 15.4200**.

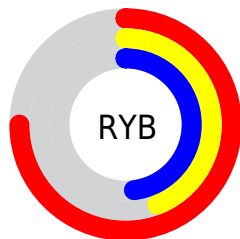
Distribution



Red (75%)

Green (44%)

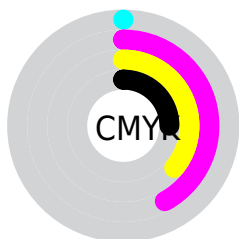
Blue (48%)



Red (75%)

Yellow (44%)

Blue (48%)

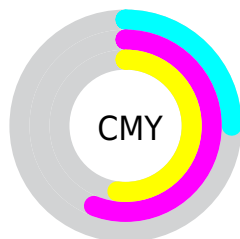


Cyan (0%)

Magenta (42%)

Yellow (36%)

Black (25%)



Cyan (25%)


Magenta (56%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 137.0600, 44.4700, 20.0700 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 137.0600, 44.4700, 20.0700 by changing the saturation by 10% instead.


 137.0600, 44.4700,
20.0700

 137.0600, 44.4700,
20.0700


255.0000, -0.0000,
-0.0000


 111.1630, 42.6820,
19.4340


 191.4410, 47.7710,
20.8190


 85.4940, 40.2520,
19.4200


 211.9770, 34.3380,
16.4660


 60.7110, 38.1430,
19.0950

 232.1920, 17.3750,
10.0070

 34.9820, 35.9420,
20.4380

 251.4780, 1.6500,
3.1380

 17.6130, 32.3670,
13.6390

 9.0840, 17.5590,
6.6710

 0.0000, 0.0000,

0.0000

■ 137.0600, 44.4700,
20.0700

■ 137.0600, 44.4700,
20.0700

■ 123.9690, 55.1520,
24.7200

■ 150.1510, 33.7880,
15.4200

■ 110.8780, 65.8340,
29.3700

■ 163.2420, 23.1060,
10.7700

■ 97.3140, 76.4700,
34.8540

■ 176.8060, 12.4700,
5.2860

■ 84.2230, 87.1520,
39.5040

■ 189.8970, 1.7880,
0.6360

■ 71.1320, 97.8340,
44.1540

■ 202.9880, -8.8940,
-4.0140

■ 60.1440, 106.7280,
48.1680

■ 216.0790,
-19.5760, -8.6640

■ 229.1700,
-30.2580, -13.3140

■ 236.1630,
-37.5480, -13.3560

Harmonies

Analogous

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



138.6640, 28.3300, 26.2340



137.0600, 44.4700, 20.0700



135.7100, 47.9110, 7.2630

Triad

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



137.0600, 44.4700, 20.0700



127.5960, -5.6350, -24.5390



123.0680, -64.6010, -2.1450

Complementary

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



137.0600, 44.4700, 20.0700



166.9400, -44.4700, -20.0700

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.



106.8260, -96.8750, -22.9790



137.0600, 44.4700, 20.0700



121.5460, -37.7290, -26.6010

Square

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



137.0600, 44.4700, 20.0700



131.6440, 20.7730, -18.5470



108.2000, -83.6690, -31.0370



134.0450, -30.2630, 14.3210

Rectangle

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



137.0600, 44.4700, 20.0700



134.5750, 43.5570, -1.9390



108.2000, -83.6690, -31.0370



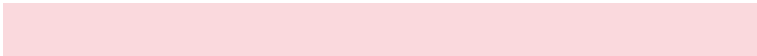
117.7950, -77.2540, -9.6220

Sweetspot

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



137.0600, 44.4700, 20.0700



227.3230, 18.3840, 8.2400



141.7510, 15.4440, 39.5080



111.2080, 11.2780, 4.8620



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.



137.0600, 44.4700, 20.0700



164.1990, 69.3640, 31.4760



152.9430, 39.7050, 1.7930



90.1040, 5.6390, 2.4310



50.4190, 89.5360, 40.3520



10.3230, 18.3840, 8.2400

Inverse Universe

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



137.0600, 44.4700, 20.0700



164.1990, 69.3640, 31.4760



151.0570, -39.7050, -1.7930



90.1040, 5.6390, 2.4310



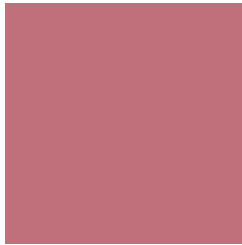
50.4190, 89.5360, 40.3520



10.3230, 18.3840, 8.2400

Previews

White Background



This preview shows how the YIQ color 137.0600, 44.4700, 20.0700 looks on a white background.

Color Contrast Check

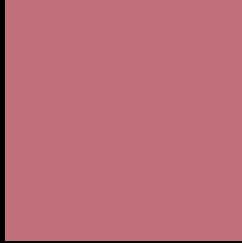
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.0600, 44.4700, 20.0700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

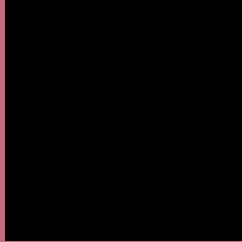
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 137.0600, 44.4700, 20.0700

Background



This preview shows how black text looks on a background with the YIQ color 137.0600, 44.4700, 20.0700.



This preview shows how white text looks on a background with the YIQ color 137.0600, 44.4700,

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

137.0600, 44.4700, 20.0700

Protanopia

135.7830, 2.1090, 0.3250

Deuteranopia

135.9220, 17.8350, 1.6670



Tritanopia

136.9460, 44.7910, 19.7590

Trichromacy



Original Color

137.0600, 44.4700, 20.0700

Protanomaly

136.6110, 17.5130, 7.5050

Deuteranomaly

136.1130, 27.7830, 8.6070

Tritanomaly

136.9460, 44.7910, 19.7590

Monochromacy



Original Color

137.0600, 44.4700, 20.0700

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

137.1270, 16.0000, 7.3920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.0600, 44.4700, 20.0700 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(192, 112, 122)` looks like.

```
.text, #text, p{  
    color:rgb(192, 112, 122)  
}
```

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(192, 112, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 112, 122) }
```

Border

The CSS property to change the border of an element to YIQ 137.0600, 44.4700, 20.0700 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(192, 112, 122) }
```


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

```
.border{ border-color:rgb(192, 112, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 112, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 112, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 112, 122);  
box-shadow:4px 4px 4px 4px rgb(192, 112,  
122) }
```

Background

The CSS property to change the background color of an element to YIQ 137.0600, 44.4700, 20.0700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 112, 122) }
```

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

```
.background{ background-color: rgb(192,  
112, 122) }
```

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