

Converting Colors

YIQ(137.4620, 69.6410, 20.9450)

Have a look what the booklet for
YIQ(137.4620, 69.6410, 20.9450)
contains.

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Color

**YIQ(137.4620, 69.6410,
20.9450)**

Conversions

Conversions Part 1

Format	Color
Hex	D96960
RGB	217, 105, 96
RGB Percent	85%, 41%, 38%
CMY	0.1488, 0.5884, 0.6232
CMYK	0.00, 0.52, 0.56, 0.15
HSL	4°, 61%, 61%
HSV	4°, 56%, 85%
XYZ	35.7965, 25.7013, 14.1580
YIQ	137.4620, 69.6410, 20.9450

Conversions

Conversions Part 2

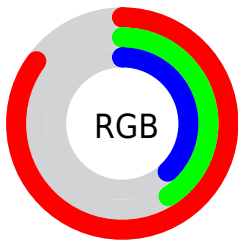
Format	Color
R _Y B	217, 106, 96
Decimal	14248288
CIE Lab	57.75, 43.18, 25.84
CIE LCh	58, 50.321, 30.892
Yxy	25.7013, 0.4731, 0.3397
Android (android.graphics.Color)	4292438368 (0xFFD96960)
YUV	137.4620, -20.4408, 69.7548
Hunter-Lab	50.6965, 37.3190, 18.9297

Details

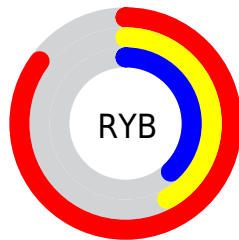
The YIQ color **137.4620, 69.6410, 20.9450** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **175.5380, -69.6410, -20.9450**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **186.3360, 61.0680, 16.6200**, and **83.7540, 62.9470, 21.1150** is the 20% darker color. If you saturate the color by 10%, you get **123.2140, 82.2030, 24.5630**, and if you desaturate by 10%, it is **151.7100, 57.0790, 17.3270**.

Distribution



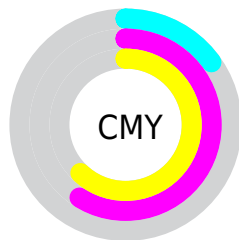
- Red (85%)
- Green (41%)
- Blue (38%)



- Red (85%)
- Yellow (42%)
- Blue (38%)



- Cyan (0%)
- Magenta (52%)
- Yellow (56%)
- Black (15%)





- Cyan (15%)
- Magenta (59%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 137.4620, 69.6410, 20.9450 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 137.4620, 69.6410, 20.9450 by changing the saturation by 10% instead.


 137.4620, 69.6410,
20.9450


 137.4620, 69.6410,
20.9450


255.0000, -0.0000,
-0.0000


 110.4940, 66.6150,
20.7190


 186.3360, 61.0680,
16.6200

 83.7540, 62.9470,
21.1150


 205.1490, 45.2970,
10.5850


 56.1390, 60.4250,
22.7690

 225.3640, 28.3340,
4.1260

 30.0570, 57.7200,
22.2320

 245.5790, 11.3710,
-2.3330

 21.2290, 42.3160,
15.0520

 13.6830, 26.1780,
10.1620

 0.0000, 0.0000,

0.0000

■ 137.4620, 69.6410,
20.9450

■ 137.4620, 69.6410,
20.9450

■ 123.2140, 82.2030,
24.5630

■ 151.7100, 57.0790,
17.3270

■ 109.0800, 94.4440,
28.4920

■ 165.8440, 44.8380,
13.3980

■ 94.8320, 107.0060,
32.1100

■ 180.0920, 32.2760,
9.7800

■ 80.5840, 119.5680,
35.7280

■ 194.3400, 19.7140,
6.1620

■ 74.2750, 124.9320,
37.6360

■ 209.1750, 6.8770,
2.0210

■ 223.3090, -5.3640,
-1.9080

■ 237.5570,
-17.9260, -5.5260

■ 243.6380,
-22.6480, -8.0560

Harmonies

Analogous

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



139.1410, 58.0840, 37.6680



137.4620, 69.6410, 20.9450



136.5850, 63.9600, -2.7600

Triad

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



137.4620, 69.6410, 20.9450



119.3200, -40.5690, -41.2170



122.3770, -87.1600, 4.7120

Complementary

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



137.4620, 69.6410, 20.9450



175.5380, -69.6410, -20.9450

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.



114.9080, -111.3650, -13.6770



137.4620, 69.6410, 20.9450



109.7660, -88.6190, -40.4510

Square

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



137.4620, 69.6410, 20.9450



129.1720, 9.8180, -34.7740



114.7820, -102.7430, -26.7670



141.4030, -18.9870, 30.2370

Rectangle

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



137.4620, 69.6410, 20.9450



135.2810, 52.5920, -17.0080



114.7820, -102.7430, -26.7670



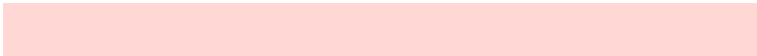
112.5260, -112.9250, -7.4290

Sweetspot

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



137.4620, 69.6410, 20.9450



226.6180, 24.8030, 7.5470



145.0610, 35.8430, 60.7950



110.9480, 14.9460, 4.4660



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



137.4620, 69.6410, 20.9450



142.7600, 98.3410, 29.4530



172.6820, 53.1410, -10.4350



102.2890, 6.5560, 2.3320



59.3580, 99.5330, 29.8770



15.5150, 26.5910, 8.1830

Inverse Universe

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



175.5380, -69.6410, -20.9450



196.2400, -98.3410, -29.4530



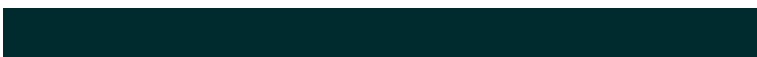
140.9050, -53.4160, 9.9120



106.1240, -6.2810, -1.8090



114.2290, -99.8080, -30.4000



30.4850, -26.5910, -8.1830

Previews

White Background



This preview shows how the YIQ color 137.4620, 69.6410, 20.9450 looks on a white background.

Color Contrast Check

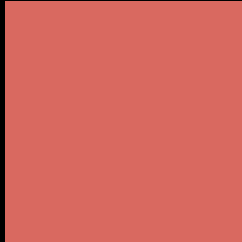
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.4620, 69.6410, 20.9450 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 137.4620, 69.6410, 20.9450

Background



This preview shows how black text looks on a background with the YIQ color 137.4620, 69.6410, 20.9450.



This preview shows how white text looks on a background with the YIQ color 137.4620, 69.6410,

20.9450.

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

137.4620, 69.6410, 20.9450

Protanopia

138.4990, 14.3520, -6.8000

Deuteranopia

138.3780, 33.7460, -5.8540



Tritanopia

138.1830, 66.2930, 26.5570

Trichromacy



Original Color

137.4620, 69.6410, 20.9450

Protanomaly

138.3600, 34.1570, 3.2210

Deuteranomaly

138.1180, 46.5820, 3.8140

Tritanomaly

138.2000, 67.6230, 24.4790

Monochromacy



Original Color

137.4620, 69.6410, 20.9450

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

136.9170, 25.3990, 7.7590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.4620, 69.6410, 20.9450 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(217, 105, 96)` looks like.

```
.text, #text, p{  
    color:rgb(217, 105, 96)  
}
```

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(217, 105, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 105, 96) }
```

Border

The CSS property to change the border of an element to YIQ 137.4620, 69.6410, 20.9450 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(217, 105, 96) }
```


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

```
.border{ border-color:rgb(217, 105, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 105, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 105, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 105, 96);  
box-shadow:4px 4px 4px 4px rgb(217, 105,  
96) }
```

Background

The CSS property to change the background color of an element to YIQ 137.4620, 69.6410, 20.9450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 105, 96) }
```

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

```
.background{ background-color: rgb(217,  
105, 96) }
```

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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