

Converting Colors

YIQ(139.6570, 64.5980, 18.7260)

Have a look what the booklet for
YIQ(139.6570, 64.5980, 18.7260)
contains.

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Color

**YIQ(139.6570, 64.5980,
18.7260)**

Conversions

Conversions Part 1

Format	Color
Hex	D56E64
RGB	213, 110, 100
RGB Percent	84%, 43%, 39%
CMY	0.1645, 0.5688, 0.6076
CMYK	0.00, 0.48, 0.53, 0.16
HSL	5°, 57%, 61%
HSV	5°, 53%, 84%
XYZ	35.3330, 26.2192, 15.2722
YIQ	139.6570, 64.5980, 18.7260

Conversions

Conversions Part 2

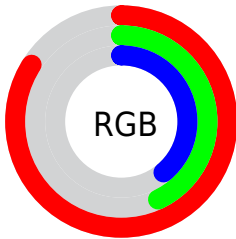
Format	Color
R _Y B	213, 111, 100
Decimal	13987428
CIE Lab	58.24, 39.50, 24.09
CIE LCh	58, 46.264, 31.384
Yxy	26.2192, 0.4599, 0.3413
Android (android.graphics.Color)	4292177508 (0xFFD56E64)
YUV	139.6570, -19.5509, 64.3218
Hunter-Lab	51.2047, 33.5632, 18.1595

Details

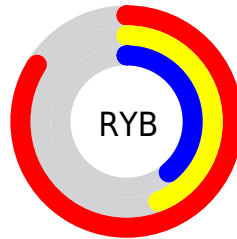
The YIQ color **139.6570, 64.5980, 18.7260** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **173.3430, -64.5980, -18.7260**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.7270, 58.4090, 15.2490**, and **86.7210, 58.5460, 18.2740** is the 20% darker color. If you saturate the color by 10%, you get **126.1100, 76.5640, 22.1320**, and if you desaturate by 10%, it is **153.2040, 52.6320, 15.3200**.

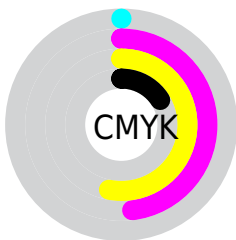
Distribution



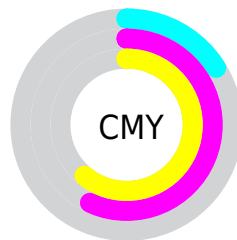
- Red (84%)
- Green (43%)
- Blue (39%)



- Red (84%)
- Yellow (44%)
- Blue (39%)



- Cyan (0%)
- Magenta (48%)
- Yellow (53%)
- Black (16%)



- Cyan (16%)
- Magenta (57%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 139.6570, 64.5980, 18.7260 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 139.6570, 64.5980, 18.7260 by changing the saturation by 10% instead.


 139.6570, 64.5980,
18.7260


 139.6570, 64.5980,
18.7260


255.0000, -0.0000,
-0.0000


 112.6890, 61.5720,
18.5000


 189.1400, 58.6840,
15.7720


 86.7210, 58.5460,
18.2740


 208.6540, 42.3170,
9.5250

 60.3940, 55.1530,
19.1930

 228.7550, 25.6750,
2.7550

 30.7300, 54.3270,
23.1510

 248.3830, 8.9870,
-3.1810

 20.6310, 41.1240,
14.6280

 13.2700, 25.9030,
9.6390

 0.0000, 0.0000,

0.0000

■ 139.6570, 64.5980,
18.7260

■ 139.6570, 64.5980,
18.7260

■ 126.1100, 76.5640,
22.1320

■ 153.2040, 52.6320,
15.3200

■ 111.8620, 89.1260,
25.7500

■ 167.4520, 40.0700,
11.7020

■ 98.3150, 101.0920,
29.1560

■ 180.9990, 28.1040,
8.2960

■ 84.1810, 113.3330,
33.0850

■ 195.1330, 15.8630,
4.3670

■ 74.8400, 121.7230,
35.2190

■ 208.7940, 3.5760,
1.2720

■ 222.9280, -8.6650,
-2.6570

■ 236.4750,
-20.6310, -6.0630

■ 242.4420,
-25.0320, -8.9040

Harmonies

Analogous

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



141.5810, 53.7290, 33.9930



139.6570, 64.5980, 18.7260



138.6600, 59.3750, -2.2650

Triad

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



139.6570, 64.5980, 18.7260



123.2930, -35.9390, -37.0190



129.4560, -71.2050, 7.4110

Complementary

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



139.6570, 64.5980, 18.7260



173.3430, -64.5980, -18.7260

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.



114.3380, -109.7600, -15.2320



139.6570, 64.5980, 18.7260



109.9940, -89.2610, -39.8290

Square

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



139.6570, 64.5980, 18.7260



131.6820, 8.4420, -31.8620



113.9670, -101.8260, -26.8660



142.9040, -16.1440, 28.2720

Rectangle

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



139.6570, 64.5980, 18.7260



136.8830, 47.9610, -15.6790



113.9670, -101.8260, -26.8660



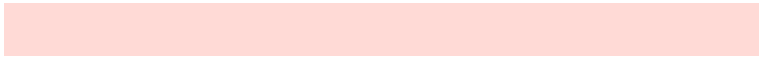
111.9560, -111.3200, -8.9840

Sweetspot

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



139.6570, 64.5980, 18.7260



228.6070, 23.3360, 6.6000



145.6430, 33.9640, 56.3000



111.6490, 14.3500, 4.2540



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.



139.6570, 64.5980, 18.7260



148.9550, 93.2980, 27.2340



172.5290, 49.1980, -10.5620



99.8760, 6.2810, 1.8090



59.9340, 97.7910, 28.4070



15.2050, 24.5280, 7.0240

Inverse Universe

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



173.3430, -64.5980, -18.7260



198.0450, -93.2980, -27.2340



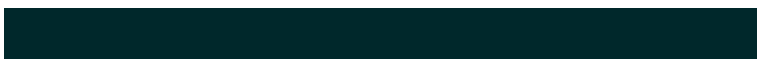
140.4710, -49.1980, 10.5620



103.1240, -6.2810, -1.8090



111.0660, -97.7910, -28.4070



28.3820, -24.8030, -7.5470

Previews

White Background



This preview shows how the YIQ color 139.6570, 64.5980, 18.7260 looks on a white background.

Color Contrast Check

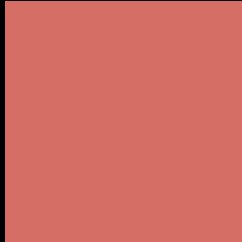
Large Text (above 18pt) WCAG AA ✓ Pass

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 139.6570, 64.5980, 18.7260 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 139.6570, 64.5980, 18.7260

Background



This preview shows how black text looks on a background with the YIQ color 139.6570, 64.5980, 18.7260.



This preview shows how white text looks on a background with the YIQ color 139.6570, 64.5980,

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

139.6570, 64.5980, 18.7260

Protanopia

139.7270, 13.7100, -6.1780

Deuteranopia

139.8340, 32.4620, -4.6100



Tritanopia

140.4920, 60.9290, 24.6490

Trichromacy



Original Color

139.6570, 64.5980, 18.7260

Protanomaly

139.5770, 32.0480, 2.8960

Deuteranomaly

139.4490, 44.1520, 3.8000

Tritanomaly

140.5090, 62.2590, 22.5710

Monochromacy



Original Color

139.6570, 64.5980, 18.7260

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

139.9060, 23.9320, 6.8120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 139.6570, 64.5980, 18.7260 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(213, 110, 100)` looks like.

```
.text, #text, p{  
    color:rgb(213, 110, 100)  
}
```

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(213, 110, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 110, 100) }
```

Border

The CSS property to change the border of an element to YIQ 139.6570, 64.5980, 18.7260 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(213, 110, 100) }
```


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

```
.border{ border-color:rgb(213, 110, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 110, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 110, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 110, 100);  
box-shadow:4px 4px 4px 4px rgb(213, 110,  
100) }
```

Background

The CSS property to change the background color of an element to YIQ 139.6570, 64.5980, 18.7260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 110, 100) }
```

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

```
.background{ background-color: rgb(213,  
110, 100) }
```

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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