

Converting Colors

YIQ(134.7960, 53.9610, 18.7690)

Have a look what the booklet for
YIQ(134.7960, 53.9610, 18.7690)
contains.

YIQ(134.7960, 53.9610, 18.7690)	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(134.7960, 53.9610,
18.7690)**

Conversions

Conversions Part 1

Format	Color
Hex	C66C6B
RGB	198, 108, 107
RGB Percent	78%, 42%, 42%
CMY	0.2233, 0.5766, 0.5802
CMYK	0.00, 0.45, 0.46, 0.22
HSL	1°, 44%, 60%
HSV	1°, 46%, 78%
XYZ	31.3184, 23.7930, 16.8669
YIQ	134.7960, 53.9610, 18.7690

Conversions

Conversions Part 2

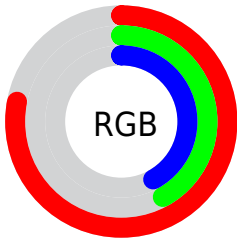
Format	Color
R_{YB}	198, 108, 107
Decimal	13003883
CIE Lab	55.88, 35.52, 16.52
CIE LCh	56, 39.174, 24.940
Yxy	23.7930, 0.4351, 0.3306
Android (android.graphics.Color)	4291193963 (0xFFC66C6B)
YUV	134.7960, -13.7034, 55.4299
Hunter-Lab	48.7781, 29.2458, 13.6429

Details

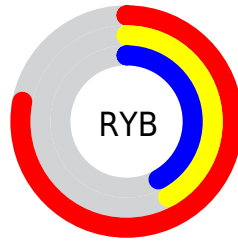
The YIQ color **134.7960, 53.9610, 18.7690** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **170.2040, -53.9610, -18.7690**, and the grayscale version is **135.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **188.7640, 56.9870, 18.9950**, and **83.0450, 48.8260, 18.2180** is the 20% darker color. If you saturate the color by 10%, you get **120.7760, 65.8810, 23.0090**, and if you desaturate by 10%, it is **148.8160, 42.0410, 14.5290**.

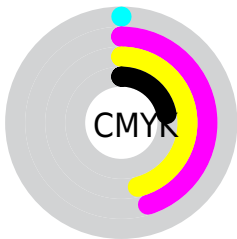
Distribution



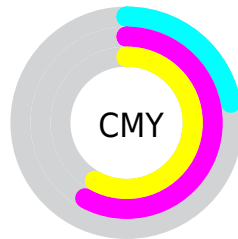
- Red (78%)
- Green (42%)
- Blue (42%)



- Red (78%)
- Yellow (42%)
- Blue (42%)



- Cyan (0%)
- Magenta (45%)
- Yellow (46%)
- Black (22%)



- Cyan (22%)
- Magenta (58%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 134.7960, 53.9610, 18.7690 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 134.7960, 53.9610, 18.7690 by changing the saturation by 10% instead.

■ 134.7960, 53.9610,
18.7690

■ 134.7960, 53.9610,
18.7690

255.0000, -0.0000,
-0.0000

■ 108.7140, 51.2560,
18.2320

■ 188.7640, 56.9870,
18.9950

■ 83.0450, 48.8260,
18.2180

■ 207.6910, 40.8950,
13.2710

■ 57.4900, 46.0750,
18.5150

■ 227.9060, 23.9320,
6.8120

■ 29.8150, 43.7820,
21.5260

■ 247.5340, 7.2440,
0.8760

■ 17.6410, 35.1640,
12.5080

■ 9.3830, 18.1550,
6.8830

■ 0.0000, 0.0000,

0.0000

■ 134.7960, 53.9610,
18.7690

■ 134.7960, 53.9610,
18.7690

■ 120.7760, 65.8810,
23.0090

■ 148.8160, 42.0410,
14.5290

■ 107.3430, 77.5260,
26.7260

■ 162.2490, 30.3960,
10.8120

■ 93.4370, 89.1250,
31.2770

■ 176.1550, 18.7970,
6.2610

■ 80.0040, 100.7700,
34.9940

■ 189.5880, 7.1520,
2.5440

■ 65.9840, 112.6900,
39.2340

■ 203.6080, -4.7680,
-1.6960

■ 60.3760, 117.4580,
40.9300

■ 217.6280,
-16.6880, -5.9360

■ 231.0610,
-28.3330, -9.6530

■ 237.9570,
-33.9720, -12.0840

Harmonies

Analogous

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



136.3020, 41.2130, 29.5410



134.7960, 53.9610, 18.7690



133.5870, 52.4510, 2.0750

Triad

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



134.7960, 53.9610, 18.7690



122.8930, -19.8930, -30.4610



123.3440, -65.1980, 3.1700

Complementary

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



134.7960, 53.9610, 18.7690



170.2040, -53.9610, -18.7690

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.



107.8350, -101.0940, -18.1020



134.7960, 53.9610, 18.7690



107.6000, -73.3520, -36.2960

Square

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



134.7960, 53.9610, 18.7690



128.4210, 13.8510, -25.2610



106.9910, -93.2060, -28.9020



135.1650, -21.5530, 21.6710

Rectangle

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



134.7960, 53.9610, 18.7690



132.2450, 44.2460, -8.9220



106.9910, -93.2060, -28.9020



113.5150, -88.0290, -7.0770

Sweetspot

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



134.7960, 53.9610, 18.7690



230.3510, 21.1810, 7.1090



144.5830, 25.0250, 47.5930



112.5780, 13.1120, 4.6640



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.



134.7960, 53.9610, 18.7690



157.4470, 83.1650, 29.1570



161.2110, 41.5860, -4.7660



92.6910, 5.3640, 1.9080



49.9110, 96.5980, 33.5100



10.7640, 21.4560, 7.6320

Inverse Universe

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



170.2040, -53.9610, -18.7690



212.5530, -83.1650, -29.1570



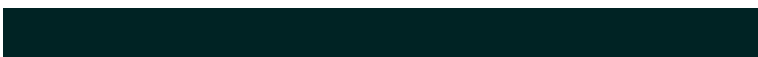
144.3760, -41.8610, 4.2430



96.3090, -5.3640, -1.9080



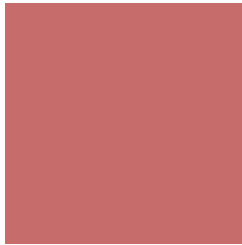
113.6760, -96.8730, -34.0330



24.6490, -21.1810, -7.1090

Previews

White Background



This preview shows how the YIQ color 134.7960, 53.9610, 18.7690 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 134.7960, 53.9610, 18.7690 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 134.7960, 53.9610, 18.7690

Background



This preview shows how black text looks on a background with the YIQ color 134.7960, 53.9610, 18.7690.



This preview shows how white text looks on a background with the YIQ color 134.7960, 53.9610,

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

134.7960, 53.9610, 18.7690

Protanopia

134.1980, 8.0700, -3.0820

Deuteranopia

134.7070, 25.6300, -1.9380



Tritanopia

135.4200, 52.2640, 21.9920

Trichromacy



Original Color

134.7960, 53.9610, 18.7690

Protanomaly

134.6240, 24.6660, 4.5220

Deuteranomaly

134.6100, 36.4490, 5.7370

Tritanomaly

135.0780, 53.2270, 21.0590

Monochromacy



Original Color

134.7960, 53.9610, 18.7690

Achromatopsia

135.0000, -0.0000, -0.0000

Achromatomaly

134.8670, 19.6680, 6.9960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 134.7960, 53.9610, 18.7690 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(198, 108, 107)` looks like.

```
.text, #text, p{  
    color:rgb(198, 108, 107)  
}
```

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(198, 108, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 108, 107) }
```

Border

The CSS property to change the border of an element to YIQ 134.7960, 53.9610, 18.7690 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(198, 108, 107) }
```


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

```
.border{ border-color:rgb(198, 108, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 108, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 108, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 108, 107);  
box-shadow:4px 4px 4px 4px rgb(198, 108,  
107) }
```

Background

The CSS property to change the background color of an element to YIQ 134.7960, 53.9610, 18.7690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 108, 107) }
```

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

```
.background{ background-color: rgb(198,  
108, 107) }
```

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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