

Converting Colors

YIQ(84.2090, -52.3570,
-14.7970)

Have a look what the booklet for
YIQ(84.2090, -52.3570, -14.7970)
contains.

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Color

**YIQ(84.2090, -52.3570,
-14.7970)**

Conversions

Conversions Part 1

Format	Color
Hex	196C75
RGB	25, 108, 117
RGB Percent	10%, 42%, 46%
CMY	0.9021, 0.5763, 0.5414
CMYK	0.79, 0.08, 0.00, 0.54
HSL	186°, 65%, 28%
HSV	186°, 79%, 46%
XYZ	8.9736, 12.2216, 18.6988
YIQ	84.2090, -52.3570, -14.7970

Conversions

Conversions Part 2

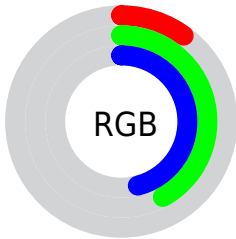
Format	Color
R _Y B	25, 69, 117
Decimal	1666165
CIE Lab	41.57, -20.46, -11.92
CIE LCh	42, 23.674, 210.222
Yxy	12.2216, 0.2249, 0.3064
Android (android.graphics.Color)	4279856245 (0xFF196C75)
YUV	84.2090, 16.1660, -51.9263
Hunter-Lab	34.9594, -15.3605, -7.2409




Details

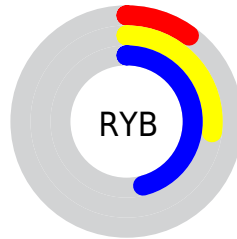
The YIQ color **84.2090, -52.3570, -14.7970** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **57.7910, 52.3570, 14.7970**, and the grayscale version is **84.0000, -0.0000, -0.0000**.




A 20% lighter version of the original color is **138.9000, -46.9930, -12.8890**, and **43.0860, -38.6490, -9.9210** is the 20% darker color. If you saturate the color by 10%, you get **80.0340, -59.2340, -16.8180**, and if you desaturate by 10%, it is **88.3840, -45.4800, -12.7760**.

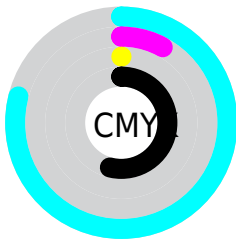
Distribution







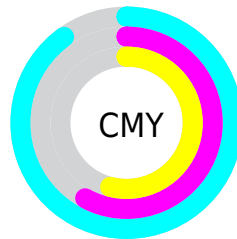
-  Red (10%)
-  Green (42%)
-  Blue (46%)






-  Red (10%)
-  Yellow (27%)
-  Blue (46%)



-  Cyan (79%)
-  Magenta (8%)
-  Yellow (0%)
-  Black (54%)



-  Cyan (90%)
-  Magenta (58%)
-  Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 84.2090, -52.3570, -14.7970 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 84.2090, -52.3570, -14.7970 by changing the saturation by 10% instead.

84.2090, -52.3570,
-14.7970

84.2090, -52.3570,
-14.7970

255.0000, -0.0000,
-0.0000

59.7960, -52.6320,
-15.3200

138.9000,
-46.9930, -12.8890

43.0860, -38.6490,
-9.9210

165.9000,
-46.9930, -12.8890

27.6640, -25.5370,
-5.2570

193.9000,
-46.9930, -12.8890

10.0080, -11.6460,
1.8100

222.0140,
-47.3140, -12.5780

0.0000, 0.0000,
0.0000

237.9570,
-33.9720, -12.0840

246.6280,

-16.6880, -5.9360

■ 84.2090, -52.3570,
-14.7970

■ 84.2090, -52.3570,
-14.7970

■ 80.0340, -59.2340,
-16.8180

■ 88.3840, -45.4800,
-12.7760

■ 76.1580, -65.5150,
-18.6270

■ 92.2600, -39.1990,
-10.9670

■ 75.5600, -66.7070,
-19.0510

■ 96.4350, -32.3220,
-8.9460

■ 101.1970,
-25.7200, -7.4480

■ 105.0730,
-19.4390, -5.6390

■ 109.2480,
-12.5620, -3.6180

■ 113.4230, -5.6850,
-1.5970

■ 117.5980, 1.1920,
0.4240

■ 121.4740, 7.4730,
2.2330

Harmonies

Analogous

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



88.0120, -35.8050, -17.4130



84.2090, -52.3570, -14.7970



88.5290, -47.0860, -5.6940

Triad

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



84.2090, -52.3570, -14.7970



100.7110, 11.7800, 17.7960



96.8540, 20.5420, -8.8500

Complementary

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



84.2090, -52.3570, -14.7970



57.7910, 52.3570, 14.7970

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.



98.2130, 30.0770, 0.0690



84.2090, -52.3570, -14.7970



100.3720, 25.8560, 16.0000

Square

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



84.2090, -52.3570, -14.7970



99.8380, -7.7510, 13.8250



99.5650, 32.3220, 8.9460



94.9660, 5.3670, -14.6730

Rectangle

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



84.2090, -52.3570, -14.7970



93.3180, -35.9460, 1.6700



99.5650, 32.3220, 8.9460



97.5880, 24.3470, -6.2210

Sweetspot

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



84.2090, -52.3570, -14.7970



139.5890, -20.9520, -5.7520



79.9160, -27.8680, -45.6280



68.3620, -12.8830, -3.3070



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000

Same Dimension

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



84.2090, -52.3570, -14.7970



101.7260, -81.9740, -23.2060



57.7940, -39.9820, 8.7380



56.6190, -3.3010, -0.7490



79.0650, -69.6870, -20.1110



161.1620, -142.4000, -40.4480

Inverse Universe

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



61.9700, 28.1890, 45.3170



66.8760, 44.0940, 70.9580



84.2060, 39.9820, -8.7380



55.3640, 1.9710, 2.8270



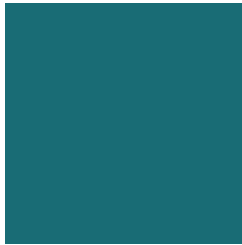
49.1320, 37.0810, 60.3850



100.5140, 76.4540, 123.2860

Previews

White Background



This preview shows how the YIQ color 84.2090, -52.3570, -14.7970 looks on a white 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

Black Background



This preview shows how the YIQ color 84.2090, -52.3570, -14.7970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

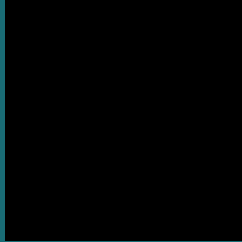
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 84.2090, -52.3570, -14.7970

Background



This preview shows how black text looks on a background with the YIQ color 84.2090, -52.3570, -14.7970.



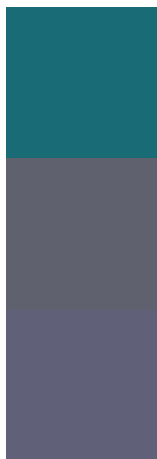
This preview shows how white text looks on a background with the YIQ color 84.2090, -52.3570,

-14.7970.

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

84.2090, -52.3570, -14.7970

Protanopia

98.1830, -4.7690, 3.8310

Deuteranopia

98.7360, -7.7040, 7.4640



Tritanopia

84.2090, -52.3570, -14.7970

Trichromacy



Original Color

84.2090, -52.3570, -14.7970

Protanomaly

93.0990, -22.3280, -2.8400

Deuteranomaly

93.1960, -23.9790, -0.4510

Tritanomaly

84.2090, -52.3570, -14.7970

Monochromacy



Original Color

84.2090, -52.3570, -14.7970

Achromatopsia

84.0000, -0.0000, -0.0000

Achromatomaly

84.3720, -18.8430, -5.4270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 84.2090, -52.3570, -14.7970 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(25, 108, 117)` looks like.

```
.text, #text, p{  
    color:rgb(25, 108, 117)  
}
```

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(25, 108, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 108, 117) }
```

Border

The CSS property to change the border of an element to YIQ 84.2090, -52.3570, -14.7970 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(25, 108, 117) }
```


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

```
.border{ border-color:rgb(25, 108, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 108, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(25, 108, 117); -webkit-box-shadow:4px 4px 4px 4px rgb(25, 108, 117); box-shadow:4px 4px 4px 4px rgb(25, 108, 117) }
```

Background

The CSS property to change the background color of an element to YIQ 84.2090, -52.3570, -14.7970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 108, 117) }
```

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

```
.background{ background-color: rgb(25, 108,  
117) }
```

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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