

Converting Colors

YIQ(81.4100, 13.5250, 2.6850)

Have a look what the booklet for
YIQ(81.4100, 13.5250, 2.6850)
contains.

YIQ(81.4100, 13.5250, 2.6850)	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(81.4100, 13.5250,
2.6850)**

Conversions

Conversions Part 1

Format	Color
Hex	604C47
RGB	96, 76, 71
RGB Percent	38%, 30%, 28%
CMY	0.6235, 0.7020, 0.7215
CMYK	0.00, 0.21, 0.26, 0.62
HSL	12°, 15%, 33%
HSV	12°, 26%, 38%
XYZ	8.5467, 8.1103, 7.0787
YIQ	81.4100, 13.5250, 2.6850

Conversions

Conversions Part 2

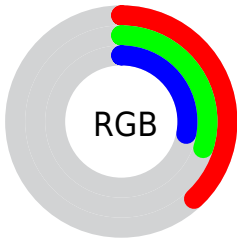
Format	Color
R_{YB}	96, 77, 71
Decimal	6310983
CIE _{Lab}	34.21, 7.58, 6.15
CIE _{LCh}	34, 9.759, 39.078
Yxy	8.1103, 0.3601, 0.3417
Android (android.graphics.Color)	4284501063 (0xFF604C47)
YUV	81.4100, -5.1321, 12.7954
Hunter-Lab	28.4785, 3.7325, 5.1977

Details

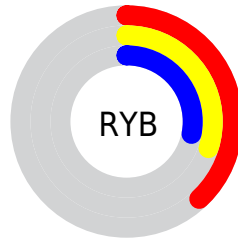
The YIQ color **81.4100, 13.5250, 2.6850** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **85.5900, -13.5250, -2.6850**, and the grayscale version is **81.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **130.8940, 15.0380, 2.7980**, and **36.6270, 11.4160, 2.3600** is the 20% darker color. If you saturate the color by 10%, you get **75.5740, 18.9350, 3.7590**, and if you desaturate by 10%, it is **87.2460, 8.1150, 1.6110**.

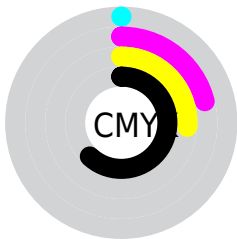
Distribution



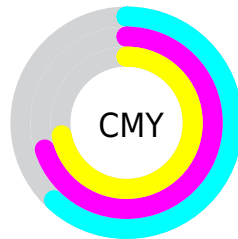
- Red (38%)
- Green (30%)
- Blue (28%)



- Red (38%)
- Yellow (30%)
- Blue (28%)



- Cyan (0%)
- Magenta (21%)
- Yellow (26%)
- Black (62%)



- Cyan (62%)
- Magenta (70%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 81.4100, 13.5250, 2.6850 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 81.4100, 13.5250, 2.6850 by changing the saturation by 10% instead.

■ 81.4100, 13.5250,
2.6850

■ 81.4100, 13.5250,
2.6850

■ 255.0000, -0.0000,
-0.0000

■ 58.2250, 12.6080,
2.7840

■ 130.8940, 15.0380,
2.7980

■ 36.6270, 11.4160,
2.3600

■ 157.1930, 15.6340,
3.0100

■ 14.3670, 15.0840,
1.9640

■ 183.6060, 15.9090,
3.5330

■ 0.0000, 0.0000,
0.0000

■ 211.4920, 16.2300,
3.2220

■ 238.8940, 15.0380,
2.7980

■ 81.4100, 13.5250,
2.6850

■ 81.4100, 13.5250,
2.6850

■ 75.5740, 18.9350,
3.7590

■ 87.2460, 8.1150,
1.6110

■ 70.4390, 23.7490,
4.6210

■ 92.3810, 3.3010,
0.7490

■ 64.6030, 29.1590,
5.6950

■ 98.2170, -2.1090,
-0.3250

■ 58.8810, 34.2480,
7.0800

■ 103.9390, -7.1980,
-1.7100

■ 53.6320, 39.3830,
7.6310

■ 109.1880,
-12.3330, -2.2610

■ 47.7960, 44.7930,
8.7050

■ 115.0240,
-17.7430, -3.3350

■ 42.0740, 49.8820,
10.0900

■ 120.7460,
-22.8320, -4.7200

■ 39.8570, 51.9910,

■ 126.5820,

10.4150

-28.2420, -5.7940

■ 131.7170,
-33.0560, -6.6560

Harmonies

Analogous

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



81.9200, 12.1490, 5.5970



81.4100, 13.5250, 2.6850



80.8180, 12.1960, -0.7640

Triad

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



81.4100, 13.5250, 2.6850



77.8910, -7.2430, -6.4030



80.3290, -8.1160, 3.9160

Complementary

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



81.4100, 13.5250, 2.6850



85.5900, -13.5250, -2.6850

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.



79.2850, -13.9840, 0.1280



81.4100, 13.5250, 2.6850



77.5960, -13.6620, -5.7100

Square

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



81.4100, 13.5250, 2.6850



78.8980, 0.0470, -6.3610



77.5080, -16.2300, -3.2220



81.6890, -0.3220, 5.8380

Rectangle

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



81.4100, 13.5250, 2.6850



80.3830, 8.9870, -3.1810



77.5080, -16.2300, -3.2220



80.0190, -10.1790, 2.7570

Sweetspot

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



81.4100, 13.5250, 2.6850



119.1640, 5.4100, 1.0740



80.7550, 8.4800, 11.5200



60.2670, 3.6220, 0.4380



191.0000, -0.0000, -0.0000



64.0000, -0.0000, -0.0000

Same Dimension

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



81.4100, 13.5250, 2.6850



102.3570, 21.0440, 4.0840



88.4540, 10.2250, -3.5910



45.7830, 2.1090, 0.3250



46.4020, 60.7020, 12.2380



99.9360, 129.8400, 25.7760

Inverse Universe

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



85.5900, -13.5250, -2.6850



108.6430, -21.0440, -4.0840



78.5460, -10.2250, 3.5910



46.2170, -2.1090, -0.3250



65.5980, -60.7020, -12.2380



140.0640, -129.8400, -25.7760

Previews

White Background



This preview shows how the YIQ color 81.4100, 13.5250, 2.6850 looks on a white background.

Color Contrast Check

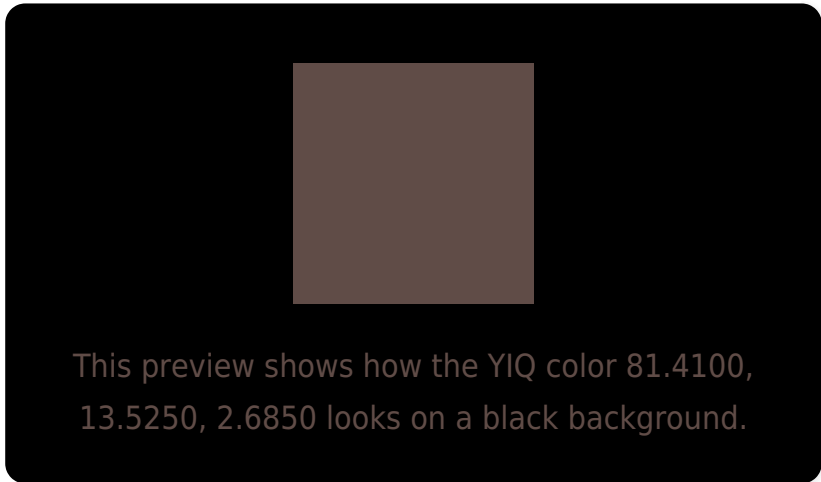
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

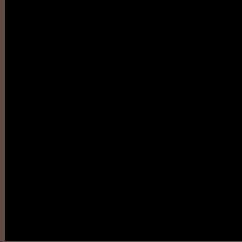
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 81.4100, 13.5250, 2.6850

Background



This preview shows how black text looks on a background with the YIQ color 81.4100, 13.5250, 2.6850.



This preview shows how white text looks on a background with the YIQ color 81.4100, 13.5250,

2.6850.

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

81.4100, 13.5250, 2.6850

Protanopia

80.3980, 4.6310, -1.3290

Deuteranopia

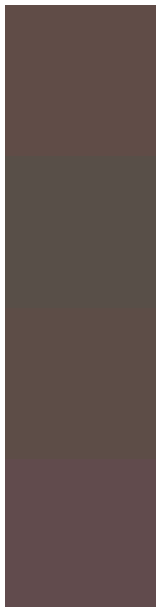
81.3880, 10.5910, 0.7910



Tritanopia

82.1480, 11.5070, 6.2190

Trichromacy



Original Color

81.4100, 13.5250, 2.6850

Protanomaly

80.8930, 7.6110, -0.2690

Deuteranomaly

81.1000, 11.4620, 1.5260

Tritanomaly

81.8060, 12.4700, 5.2860

Monochromacy



Original Color

81.4100, 13.5250, 2.6850

Achromatopsia

81.0000, -0.0000, 0.0000

Achromatomaly

80.8650, 4.8140, 0.8620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 81.4100, 13.5250, 2.6850 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(96, 76, 71)` looks like.

```
.text, #text, p{  
    color:rgb(96, 76, 71)  
}
```

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(96, 76, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 76, 71) }
```

Border

The CSS property to change the border of an element to YIQ 81.4100, 13.5250, 2.6850 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(96, 76, 71) }
```


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

```
.border{ border-color:rgb(96, 76, 71) }
```

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

Here you see how a box with a 4 pixel rgb(96, 76, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 76, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 76, 71);  
box-shadow:4px 4px 4px 4px rgb(96, 76, 71)  
}
```

Background

The CSS property to change the background color of an element to YIQ 81.4100, 13.5250, 2.6850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 76, 71) }
```

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

```
.background{ background-color: rgb(96, 76,  
71) }
```

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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