

Converting Colors

YIQ(104.3960, 16.1400, -6.1640)

Have a look what the booklet for
YIQ(104.3960, 16.1400, -6.1640)
contains.

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Color

**YIQ(104.3960, 16.1400,
-6.1640)**

Conversions

Conversions Part 1

Format	Color
Hex	74684C
RGB	116, 104, 76
RGB Percent	45%, 41%, 30%
CMY	0.5451, 0.5922, 0.7019
CMYK	0.00, 0.10, 0.34, 0.55
HSL	42°, 21%, 38%
HSV	42°, 34%, 45%
XYZ	13.4579, 14.1349, 8.8605
YIQ	104.3960, 16.1400, -6.1640

Conversions

Conversions Part 2

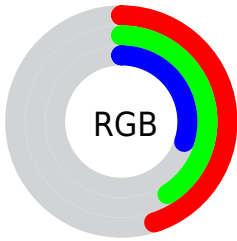
Format	Color
R_{YB}	93, 116, 76
Decimal	7628876
CIE Lab	44.43, 0.15, 17.51
CIE LCh	44, 17.514, 89.512
Yxy	14.1349, 0.3692, 0.3878
Android (android.graphics.Color)	4285818956 (0xFF74684C)
YUV	104.3960, -13.9992, 10.1767
Hunter-Lab	37.5964, -1.8984, 12.3444

Details

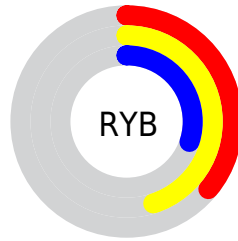
The YIQ color **104.3960, 16.1400, -6.1640** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **87.6040, -16.1400, 6.1640**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.7660, 17.9740, -6.3620**, and **57.0260, 14.3060, -5.9660** is the 20% darker color. If you saturate the color by 10%, you get **101.2670, 20.8170, -8.3270**, and if you desaturate by 10%, it is **107.5250, 11.4630, -4.0010**.

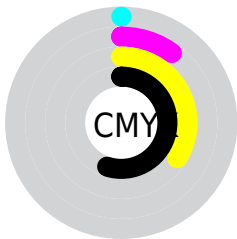
Distribution



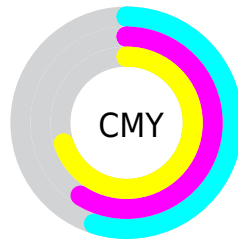
- Red (45%)
- Green (41%)
- Blue (30%)



- Red (36%)
- Yellow (45%)
- Blue (30%)



- Cyan (0%)
- Magenta (10%)
- Yellow (34%)
- Black (55%)



- Cyan (55%)
- Magenta (59%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 104.3960, 16.1400, -6.1640 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 104.3960, 16.1400, -6.1640 by changing the saturation by 10% instead.

■ 104.3960, 16.1400,
-6.1640

■ 104.3960, 16.1400,
-6.1640

■ 255.0000, -0.0000,
-0.0000

■ 80.2110, 15.2230,
-6.0650

■ 155.7660, 17.9740,
-6.3620

■ 57.0260, 14.3060,
-5.9660

■ 182.6520, 18.2950,
-6.6730

■ 35.3140, 13.4350,
-6.7010

■ 209.9510, 18.8910,
-6.4610

■ 15.0840, 8.3910,
-3.3930

■ 238.7230, 19.5330,
-7.0830

■ 0.0000, 0.0000,
0.0000

■ 252.6060, 6.7410,
-6.5310

■ 104.3960, 16.1400,
-6.1640

■ 104.3960, 16.1400,
-6.1640

■ 101.2670, 20.8170,
-8.3270

■ 107.5250, 11.4630,
-4.0010

■ 97.6650, 25.4480,
-9.6560

■ 111.1270, 6.8320,
-2.6720

■ 94.5360, 30.1250,
-11.8190

■ 114.2560, 2.1550,
-0.5090

■ 90.9340, 34.7560,
-13.1480

■ 117.8580, -2.4760,
0.8200

■ 87.8050, 39.4330,
-15.3110

■ 120.9870, -7.1530,
2.9830

■ 84.0890, 44.3850,
-16.9510

■ 124.7030,
-12.1050, 4.6230

■ 82.2310, 46.8610,
-17.7710

■ 127.7180,
-16.4610, 6.4750

■ 131.4340,

-21.4130, 8.1150

■ 134.4490,
-25.7690, 9.9670

Harmonies

Analogous

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



105.5050, 23.3830, 0.2390



104.3960, 16.1400, -6.1640



102.8890, 4.2660, -11.2380

Triad

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



104.3960, 16.1400, -6.1640



98.4350, -32.3220, -8.9460



107.6950, 8.7090, 12.8770

Complementary

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



104.3960, 16.1400, -6.1640



87.6040, -16.1400, 6.1640

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.



106.1000, -5.7330, 10.2910



104.3960, 16.1400, -6.1640



100.0210, -30.8560, -2.4720

Square

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



104.3960, 16.1400, -6.1640



98.8180, -23.3350, -12.1270



103.5110, -20.3120, 4.6800



107.6160, 19.1170, 11.4770

Rectangle

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



104.3960, 16.1400, -6.1640



101.5720, -5.0870, -12.4390



103.5110, -20.3120, 4.6800



107.2430, 4.1700, 12.5380

Sweetspot

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



104.3960, 16.1400, -6.1640



145.9420, 5.9150, -2.5730



89.4420, 19.6670, 12.5230



74.0990, 4.0350, -1.5410



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.



104.3960, 16.1400, -6.1640



132.4800, 24.5310, -9.5570



109.3470, 8.6680, -13.9240



57.1420, 2.4760, -0.8200



86.9600, 49.0620, -19.1140



177.4750, 100.8750, -38.5250

Inverse Universe

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



87.6040, -16.1400, 6.1640



106.5200, -24.5310, 9.5570



82.6530, -8.6680, 13.9240



54.8580, -2.4760, 0.8200



35.6270, -49.3370, 18.5910



72.5250, -100.8750, 38.5250

Previews

White Background



This preview shows how the YIQ color 104.3960, 16.1400, -6.1640 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 104.3960, 16.1400, -6.1640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

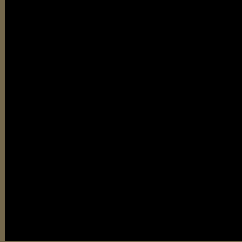
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 104.3960, 16.1400, -6.1640

Background



This preview shows how black text looks on a background with the YIQ color 104.3960, 16.1400, -6.1640.



This preview shows how white text looks on a background with the YIQ color 104.3960, 16.1400,

-6.1640.

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

104.3960, 16.1400, -6.1640

Protanopia

104.0860, 14.0770, -7.3230

Deuteranopia

105.1410, 21.4120, -2.5880



Tritanopia

106.8920, 9.3520, 6.7280

Trichromacy



Original Color

104.3960, 16.1400, -6.1640

Protanomaly

104.3850, 14.6730, -7.1110

Deuteranomaly

104.8310, 19.3490, -3.7470

Tritanomaly

105.8120, 12.3330, 2.2610

Monochromacy



Original Color

104.3960, 16.1400, -6.1640

Achromatopsia

104.0000, -0.0000, -0.0000

Achromatomaly

104.0560, 5.5940, -2.2620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 104.3960, 16.1400, -6.1640 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(116, 104, 76)` looks like.

```
.text, #text, p{  
    color:rgb(116, 104, 76)  
}
```

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(116, 104, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 104, 76) }
```

Border

The CSS property to change the border of an element to YIQ 104.3960, 16.1400, -6.1640 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(116, 104, 76) }
```


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

```
.border{ border-color:rgb(116, 104, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 104, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 104, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 104, 76);  
box-shadow:4px 4px 4px 4px rgb(116, 104,  
76) }
```

Background

The CSS property to change the background color of an element to YIQ 104.3960, 16.1400, -6.1640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 104, 76) }
```

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

```
.background{ background-color: rgb(116,  
104, 76) }
```

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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