

Converting Colors

YIQ(101.8640, -2.6130, -2.2050)

Have a look what the booklet for
YIQ(101.8640, -2.6130, -2.2050)
contains.

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Color

**YIQ(101.8640, -2.6130,
-2.2050)**

Conversions

Conversions Part 1

Format	Color
Hex	626865
RGB	98, 104, 101
RGB Percent	38%, 41%, 40%
CMY	0.6157, 0.5921, 0.6039
CMYK	0.06, 0.00, 0.03, 0.59
HSL	150°, 3%, 40%
HSV	150°, 6%, 41%
XYZ	12.3360, 13.4371, 14.2548
YIQ	101.8640, -2.6130, -2.2050

Conversions

Conversions Part 2

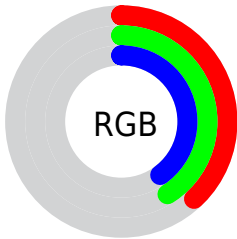
Format	Color
R_{YB}	98, 102, 104
Decimal	6449253
CIE Lab	43.41, -2.95, 0.88
CIE LCh	43, 3.075, 163.277
Yxy	13.4371, 0.3082, 0.3357
Android (android.graphics.Color)	4284639333 (0xFF626865)
YUV	101.8640, -0.4260, -3.3887
Hunter-Lab	36.6567, -4.0790, 2.6033

Details

The YIQ color **101.8640, -2.6130, -2.2050** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **100.1360, 2.6130, 2.2050**, and the grayscale version is **102.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **152.8640, -2.6130, -2.2050**, and **55.1630, -2.0170, -1.9930** is the 20% darker color. If you saturate the color by 10%, you get **98.3040, -6.9680, -5.8800**, and if you desaturate by 10%, it is **105.4240, 1.7420, 1.4700**.

Distribution



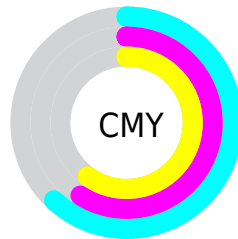
- Red (38%)
- Green (41%)
- Blue (40%)



- Red (38%)
- Yellow (40%)
- Blue (41%)



- Cyan (6%)
- Magenta (0%)
- Yellow (3%)
- Black (59%)



- Cyan (62%)
- Magenta (59%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 101.8640, -2.6130, -2.2050 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 101.8640, -2.6130, -2.2050 by changing the saturation by 10% instead.

■ 101.8640, -2.6130,
-2.2050

■ 101.8640, -2.6130,
-2.2050

■ 255.0000, -0.0000,
-0.0000

■ 77.8640, -2.6130,
-2.2050

■ 152.8640, -2.6130,
-2.2050

■ 55.1630, -2.0170,
-1.9930

■ 179.5650, -3.2090,
-2.4170

■ 34.1630, -2.0170,
-1.9930

■ 206.8640, -2.6130,
-2.2050

■ 11.1520, -3.4840,
-2.9400

■ 235.4510, -2.8880,
-2.7280

■ 0.0000, 0.0000,
0.0000

■ 101.8640, -2.6130,

■ 101.8640, -2.6130,

-2.2050

-2.2050

■ 98.3040, -6.9680,
-5.8800

■ 105.4240, 1.7420,
1.4700

■ 94.4450, -11.9190,
-9.7670

■ 109.2830, 6.6930,
5.3570

■ 90.7710, -15.9530,
-13.7530

■ 112.9570, 10.7270,
9.3430

■ 86.9120, -20.9040,
-17.6400

■ 116.8160, 15.6780,
13.2300

■ 83.3520, -25.2590,
-21.3150

■ 120.3760, 20.0330,
16.9050

■ 79.7920, -29.6140,
-24.9900

■ 123.9360, 24.3880,
20.5800

■ 75.9330, -34.5650,
-28.8770

■ 127.7950, 29.3390,
24.4670

■ 72.2590, -38.5990,
-32.8630

■ 131.4690, 33.3730,
28.4530

■ 68.4000, -43.5500,
-36.7500

■ 135.3280, 38.3240,
32.3400

Harmonies

Analogous

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



101.9460, 0.0920, -1.6680



101.8640, -2.6130, -2.2050



101.9070, -4.1720, -1.4840

Triad

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



101.8640, -2.6130, -2.2050



102.2710, -2.2010, 1.3430



102.8650, 4.8140, 0.8620

Complementary

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



101.8640, -2.6130, -2.2050



100.1360, 2.6130, 2.2050

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.



103.0930, 4.1720, 1.4840



101.8640, -2.6130, -2.2050



103.0540, -0.0920, 1.6680

Square

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



101.8640, -2.6130, -2.2050



102.2600, -3.6680, 0.3960



103.1360, 2.6130, 2.2050



102.7400, 3.6680, -0.3960

Rectangle

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



101.8640, -2.6130, -2.2050



102.0210, -4.4930, -1.1730



103.1360, 2.6130, 2.2050



102.9790, 4.4930, 1.1730

Sweetspot

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



101.8640, -2.6130, -2.2050



133.9890, -1.4670, -0.9470



102.4190, 0.1380, -2.5020



68.2880, -0.8710, -0.7350



196.0000, -0.0000, -0.0000



69.0000, -0.0000, -0.0000

Same Dimension

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



101.8640, -2.6130, -2.2050



131.7390, -3.7590, -3.4630



102.2060, -3.5760, -1.2720



49.5760, -1.7420, -1.4700



74.0030, -49.9220, -42.4180



155.8480, -105.3910, -88.9350

Inverse Universe

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



100.1360, 2.6130, 2.2050



129.1470, 4.0800, 3.1520



99.7940, 3.5760, 1.2720



48.4240, 1.7420, 1.4700



40.8830, 50.2430, 42.1070



86.1520, 105.3910, 88.9350

Previews

White Background



This preview shows how the YIQ color 101.8640, -2.6130, -2.2050 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 101.8640, -2.6130, -2.2050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

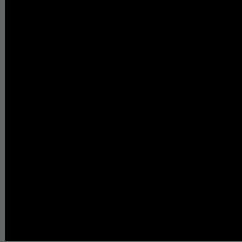
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 101.8640, -2.6130, -2.2050

Background



This preview shows how black text looks on a background with the YIQ color 101.8640, -2.6130, -2.2050.



This preview shows how white text looks on a background with the YIQ color 101.8640, -2.6130,

-2.2050.

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

101.8640, -2.6130, -2.2050

Protanopia

102.6690, 2.4300, 0.0140

Deuteranopia

103.2290, 6.7850, 3.6890



Tritanopia

103.0150, -4.3560, 1.8520

Trichromacy

**Original Color**

101.8640, -2.6130, -2.2050

Protanomaly

102.3590, 0.3670, -1.1450

Deuteranomaly

102.9080, 3.2550, 1.5830

Tritanomaly

102.2600, -3.6680, 0.3960

Monochromacy

**Original Color**

101.8640, -2.6130, -2.2050

Achromatopsia

102.0000, -0.0000, -0.0000

Achromatomaly

102.2880, -0.8710, -0.7350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 101.8640, -2.6130, -2.2050 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(98, 104, 101)` looks like.

```
.text, #text, p{  
    color:rgb(98, 104, 101)  
}
```

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(98, 104, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 104, 101) }
```

Border

The CSS property to change the border of an element to YIQ 101.8640, -2.6130, -2.2050 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(98, 104, 101) }
```


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

```
.border{ border-color:rgb(98, 104, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 104, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 104, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 104, 101);  
box-shadow:4px 4px 4px 4px rgb(98, 104,  
101) }
```

Background

The CSS property to change the background color of an element to YIQ 101.8640, -2.6130, -2.2050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 104, 101) }
```

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

```
.background{ background-color: rgb(98, 104,  
101) }
```

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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