

Converting Colors

YIQ(122.8920, 0.1840, -3.3360)

Have a look what the booklet for
YIQ(122.8920, 0.1840, -3.3360)
contains.

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Color

**YIQ(122.8920, 0.1840,
-3.3360)**

Conversions

Conversions Part 1

Format	Color
Hex	797D75
RGB	121, 125, 117
RGB Percent	47%, 49%, 46%
CMY	0.5255, 0.5098, 0.5412
CMYK	0.03, 0.00, 0.06, 0.51
HSL	90°, 3%, 47%
HSV	90°, 6%, 49%
XYZ	18.4295, 20.0167, 19.7224
YIQ	122.8920, 0.1840, -3.3360

Conversions

Conversions Part 2

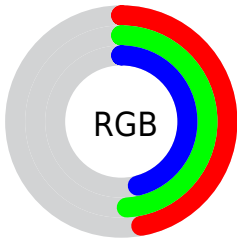
Format	Color
RYB	117, 125, 121
Decimal	7961973
CIELab	51.86, -3.09, 3.83
CIELCh	52, 4.920, 128.842
Yxy	20.0167, 0.3168, 0.3441
Android (android.graphics.Color)	4286152053 (0xFF797D75)
YUV	122.8920, -2.9048, -1.6593
Hunter-Lab	44.7401, -4.7669, 5.1816

Details

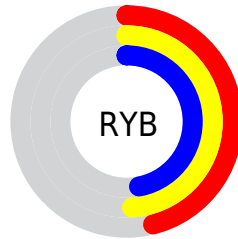
The YIQ color $122.8920, 0.1840, -3.3360$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $119.1080, -0.1840, 3.3360$, and the grayscale version is $123.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $175.4790, -0.0910, -3.8590$, and $74.3050, 0.4590, -2.8130$ is the 20% darker color. If you saturate the color by 10%, you get $119.7300, 0.4600, -8.3400$, and if you desaturate by 10%, it is $126.1680, -0.4130, 1.9790$.

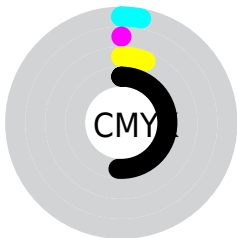
Distribution



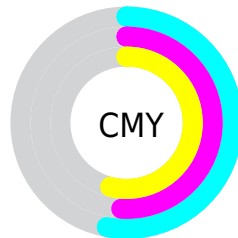
- Red (47%)
- Green (49%)
- Blue (46%)



- Red (46%)
- Yellow (49%)
- Blue (47%)



- Cyan (3%)
- Magenta (0%)
- Yellow (6%)
- Black (51%)



- Cyan (53%)
- Magenta (51%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 122.8920, 0.1840, -3.3360 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 122.8920, 0.1840, -3.3360 by changing the saturation by 10% instead.

■ 122.8920, 0.1840,
-3.3360

■ 122.8920, 0.1840,
-3.3360

255.0000, -0.0000,
-0.0000

■ 97.8920, 0.1840,
-3.3360

■ 175.4790, -0.0910,
-3.8590

■ 74.3050, 0.4590,
-2.8130

■ 202.7780, 0.5050,
-3.6470

■ 52.0060, -0.1370,
-3.0250

■ 230.7780, 0.5050,
-3.6470

■ 30.4190, 0.1380,
-2.5020

254.7720, 0.6420,
-0.6220

■ 5.8810, -1.2830,
-4.2830

■ 0.0000, 0.0000,
0.0000

■ 122.8920, 0.1840,
-3.3360

■ 122.8920, 0.1840,
-3.3360

■ 119.7300, 0.4600,
-8.3400

■ 126.1680, -0.4130,
1.9790

■ 116.1550, 0.4610,
-13.8670

■ 129.6290, -0.0930,
7.1950

■ 112.9930, 0.7370,
-18.8710

■ 132.9050, -0.6900,
12.5100

■ 109.7170, 1.3340,
-24.1860

■ 136.0670, -0.9660,
17.5140

■ 106.5550, 1.6100,
-29.1900

■ 139.3430, -1.5630,
22.8290

■ 102.9800, 1.6110,
-34.7170

■ 142.8040, -1.2430,
28.0450

■ 99.7040, 2.2080,
-40.0320

■ 146.0800, -1.8400,
33.3600

■ 96.5420, 2.4840,

■ 149.2420, -2.1160,

-45.0360

38.3640

■ 93.2660, 3.0810,
-50.3510

■ 152.5180, -2.7130,
43.6790

Harmonies

Analogous

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



123.5720, 4.0810, -2.3750



122.8920, 0.1840, -3.3360



122.6250, -3.4380, -3.7740

Triad

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



122.8920, 0.1840, -3.3360



122.9930, -7.2900, -0.0420



124.7020, 6.8310, 2.8550

Complementary

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



122.8920, 0.1840, -3.3360



119.1080, -0.1840, 3.3360

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.



124.3750, 3.4380, 3.7740



122.8920, 0.1840, -3.3360



124.0150, -4.3560, 1.8520

Square

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



122.8920, 0.1840, -3.3360



122.7540, -8.1150, -1.6110



124.1080, -0.1840, 3.3360



124.2460, 8.1150, 1.6110

Rectangle

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



122.8920, 0.1840, -3.3360



122.3690, -5.5930, -3.2650



124.1080, -0.1840, 3.3360



124.6310, 5.5930, 3.2650

Sweetspot

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



122.8920, 0.1840, -3.3360



162.3590, 0.3670, -1.1450



121.7400, 3.6680, -0.3960



81.4730, 0.0460, -0.8340



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



122.8920, 0.1840, -3.3360



159.7240, 0.5970, -5.3150



121.6960, -2.2000, -4.1840



62.3050, 0.4590, -2.8130



94.2720, 2.9440, -53.3760



0.0000, 0.0000, 0.0000

Inverse Universe

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



119.1080, -0.1840, 3.3360



153.5750, -0.0010, 5.5270



120.3040, 2.2000, 4.1840



58.9940, 0.1370, 3.0250



33.7280, -2.9440, 53.3760



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 122.8920, 0.1840, -3.3360 looks on a white background.

Color Contrast Check

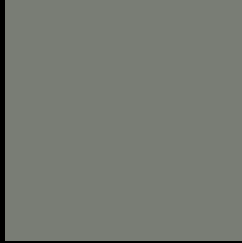
Large Text (above 18pt) WCAG AA ✓ Pass

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 122.8920, 0.1840, -3.3360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

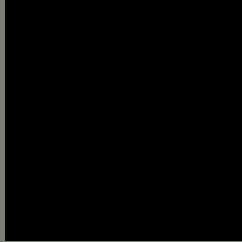
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

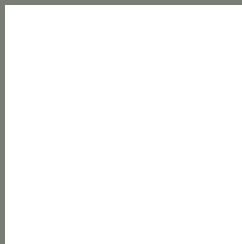
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 122.8920, 0.1840, -3.3360

Background



This preview shows how black text looks on a background with the YIQ color 122.8920, 0.1840, -3.3360.



This preview shows how white text looks on a background with the YIQ color 122.8920, 0.1840,

-3.3360.

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

122.8920, 0.1840, -3.3360

Protanopia

123.6970, 5.2270, -1.1170

Deuteranopia

124.2680, 11.0490, 3.5050



Tritanopia

124.0260, -2.8890, 2.7990

Trichromacy



Original Color

122.8920, 0.1840, -3.3360

Protanomaly

123.3870, 3.1640, -2.2760

Deuteranomaly

123.6480, 6.9230, 1.1870

Tritanomaly

123.7440, -2.1550, 0.5090

Monochromacy



Original Color

122.8920, 0.1840, -3.3360

Achromatopsia

123.0000, -0.0000, -0.0000

Achromatomaly

123.0600, -0.2290, -1.3570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 122.8920, 0.1840, -3.3360 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(121, 125, 117)` looks like.

```
.text, #text, p{  
    color:rgb(121, 125, 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(121, 125, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 125, 117) }
```

Border

The CSS property to change the border of an element to YIQ 122.8920, 0.1840, -3.3360 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(121, 125, 117) }
```


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

```
.border{ border-color:rgb(121, 125, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 125, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 125, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 125, 117);  
box-shadow:4px 4px 4px 4px rgb(121, 125,  
117) }
```

Background

The CSS property to change the background color of an element to YIQ 122.8920, 0.1840, -3.3360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 125, 117) }
```

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

```
.background{ background-color: rgb(121,  
125, 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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