

Converting Colors

YIQ(109.3090, 2.6630, -20.7370)

Have a look what the booklet for
YIQ(109.3090, 2.6630, -20.7370)
contains.

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Color

**YIQ(109.3090, 2.6630,
-20.7370)**

Conversions

Conversions Part 1

Format	Color
Hex	637A47
RGB	99, 122, 71
RGB Percent	39%, 48%, 28%
CMY	0.6119, 0.5215, 0.7215
CMYK	0.19, 0.00, 0.42, 0.52
HSL	87°, 26%, 38%
HSV	87°, 42%, 48%
XYZ	13.2416, 17.0279, 8.5522
YIQ	109.3090, 2.6630, -20.7370

Conversions

Conversions Part 2

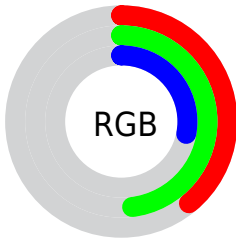
Format	Color
RYB	71, 122, 94
Decimal	6519367
CIELab	48.30, -17.93, 25.20
CIElCh	48, 30.931, 125.434
Yxy	17.0279, 0.3411, 0.4386
Android (android.graphics.Color)	4284709447 (0xFF637A47)
YUV	109.3090, -18.8863, -9.0410
Hunter-Lab	41.2649, -14.9341, 16.5975

Details

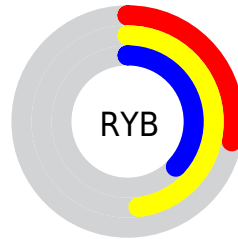
The YIQ color $109.3090, 2.6630, -20.7370$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $83.6910, -2.6630, 20.7370$, and the grayscale version is $109.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $160.9670, 3.6260, -21.6700$, and $61.0640, 1.9750, -19.2810$ is the 20% darker color. If you saturate the color by 10%, you get $106.1470, 2.9390, -25.7410$, and if you desaturate by 10%, it is $112.1720, 1.7910, -15.9450$.

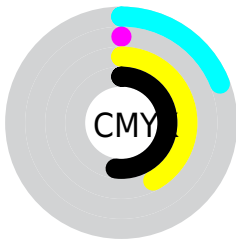
Distribution



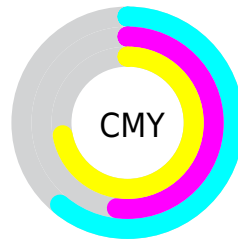
- Red (39%)
- Green (48%)
- Blue (28%)



- Red (28%)
- Yellow (48%)
- Blue (37%)



- Cyan (19%)
- Magenta (0%)
- Yellow (42%)
- Black (52%)



- Cyan (61%)
- Magenta (52%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 109.3090, 2.6630, -20.7370 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 109.3090, 2.6630, -20.7370 by changing the saturation by 10% instead.

■ 109.3090, 2.6630,
-20.7370

■ 109.3090, 2.6630,
-20.7370

■ 255.0000, -0.0000,
-0.0000

■ 84.5370, 2.0210,
-20.1150

■ 161.5540, 3.3510,
-22.1930

■ 61.0640, 1.9750,
-19.2810

■ 188.4400, 3.6720,
-22.5040

■ 38.7220, 2.9380,
-20.2140

■ 216.0270, 3.3970,
-23.0270

■ 17.6100, -8.2500,
-15.6900

■ 242.4510, 5.1390,
-21.5570

■ 0.0000, 0.0000,
0.0000

■ 252.0360, 8.3460,
-8.0860

■ 109.3090, 2.6630,
-20.7370

■ 109.3090, 2.6630,
-20.7370

■ 106.1470, 2.9390,
-25.7410

■ 112.1720, 1.7910,
-15.9450

■ 103.2840, 3.8110,
-30.5330

■ 115.3340, 1.5150,
-10.9410

■ 100.0080, 4.4080,
-35.8480

■ 118.6100, 0.9180,
-5.6260

■ 97.1450, 5.2800,
-40.6400

■ 121.4730, 0.0460,
-0.8340

■ 93.9830, 5.5560,
-45.6440

■ 124.6350, -0.2300,
4.1700

■ 91.6470, 6.3820,
-49.6020

■ 127.4980, -1.1020,
8.9620

■ 130.6600, -1.3780,
13.9660

■ 133.6370, -2.5710,

19.0690

■ 136.7990, -2.8470,
24.0730

Harmonies

Analogous

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



112.5460, 24.1650, -13.9390



109.3090, 2.6630, -20.7370



104.7710, -25.1210, -23.8170

Triad

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



109.3090, 2.6630, -20.7370



98.7420, -69.7350, -8.2230



116.8680, 36.2630, 20.1270

Complementary

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



109.3090, 2.6630, -20.7370



83.6910, -2.6630, 20.7370

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.



117.7060, 19.3440, 23.8880



109.3090, 2.6630, -20.7370



111.8330, -35.7180, 8.5540

Square

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



109.3090, 2.6630, -20.7370



90.9650, -81.1490, -21.6370



117.1960, -5.6430, 19.6770



115.4800, 42.8670, 10.5710

Rectangle

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



109.3090, 2.6630, -20.7370



99.3370, -47.2660, -24.4660



117.1960, -5.6430, 19.6770



117.2960, 32.1820, 22.5020

Sweetspot

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



109.3090, 2.6630, -20.7370



153.0290, 1.0560, -8.1280



99.7500, 24.0710, -1.2170



75.7240, 0.5970, -5.3150



207.0000, 0.0000, -0.0000



79.0000, -0.0000, 0.0000

Same Dimension

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



109.3090, 2.6630, -20.7370



138.2300, 3.9030, -32.2010



101.8340, -12.2370, -26.0370



59.4190, 0.1380, -2.5020



94.0060, 6.7490, -50.7470



189.1860, 12.9480, -102.5400

Inverse Universe

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



83.6910, -2.6630, 20.7370



98.7700, -3.9030, 32.2010



91.1660, 12.2370, 26.0370



56.5810, -0.1380, 2.5020



30.9940, -6.7490, 50.7470



62.8140, -12.9480, 102.5400

Previews

White Background



This preview shows how the YIQ color 109.3090, 2.6630, -20.7370 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 109.3090, 2.6630, -20.7370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

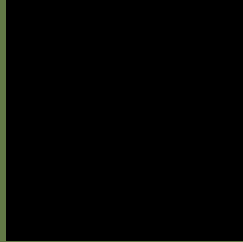
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 109.3090, 2.6630, -20.7370

Background



This preview shows how black text looks on a background with the YIQ color 109.3090, 2.6630, -20.7370.



This preview shows how white text looks on a background with the YIQ color 109.3090, 2.6630, -20.7370.

-20.7370.

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

109.3090, 2.6630, -20.7370

Protanopia

112.0450, 21.3220, -11.9740

Deuteranopia

113.6810, 28.5190, -4.7370



Tritanopia

114.3350, -8.2530, 0.8910

Trichromacy



Original Color

109.3090, 2.6630, -20.7370

Protanomaly

111.2290, 14.8120, -15.1400

Deuteranomaly

112.3160, 19.1210, -10.6310

Tritanomaly

112.3320, -4.1710, -7.0110

Monochromacy



Original Color

109.3090, 2.6630, -20.7370

Achromatopsia

109.0000, -0.0000, 0.0000

Achromatomaly

109.1430, 0.7350, -7.8170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 109.3090, 2.6630, -20.7370 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(99, 122, 71)` looks like.

```
.text, #text, p{  
    color:rgb(99, 122, 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(99, 122, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 122, 71) }
```

Border

The CSS property to change the border of an element to YIQ 109.3090, 2.6630, -20.7370 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(99, 122, 71) }
```


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

```
.border{ border-color:rgb(99, 122, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 122, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 122, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 122, 71);  
box-shadow:4px 4px 4px 4px rgb(99, 122,  
71) }
```

Background

The CSS property to change the background color of an element to YIQ 109.3090, 2.6630, -20.7370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 122, 71) }
```

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

```
.background{ background-color: rgb(99, 122,  
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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