

Converting Colors

YIQ(62.9190, 4.7220, 2.5300)

Have a look what the booklet for
YIQ(62.9190, 4.7220, 2.5300)
contains.

YIQ(62.9190, 4.7220, 2.5300)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

YIQ(62.9190, 4.7220, 2.5300)

Conversions

Conversions Part 1

Format	Color
Hex	453C3E
RGB	69, 60, 62
RGB Percent	27%, 24%, 24%
CMY	0.7294, 0.7647, 0.7568
CMYK	0.00, 0.13, 0.10, 0.73
HSL	347°, 7%, 25%
HSV	347°, 13%, 27%
XYZ	4.9399, 4.8446, 5.2328
YIQ	62.9190, 4.7220, 2.5300

Conversions

Conversions Part 2

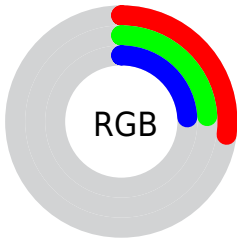
Format	Color
R_{YB}	69, 60, 62
Decimal	4537406
CIE Lab	26.29, 4.32, 0.19
CIE LCh	26, 4.325, 2.580
Yxy	4.8446, 0.3289, 0.3226
Android (android.graphics.Color)	4282727486 (0xFF453C3E)
YUV	62.9190, -0.4531, 5.3330
Hunter-Lab	22.0104, 1.5436, 1.3116

Details

The YIQ color **62.9190, 4.7220, 2.5300** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **66.0810, -4.7220, -2.5300**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.2180, 5.3180, 2.7420**, and **20.6200, 4.1260, 2.3180** is the 20% darker color. If you saturate the color by 10%, you get **58.2400, 8.2520, 4.6360**, and if you desaturate by 10%, it is **67.5980, 1.1920, 0.4240**.

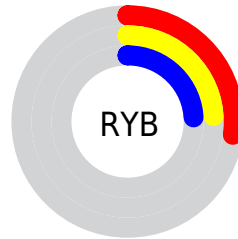
Distribution



Red (27%)

Green (24%)

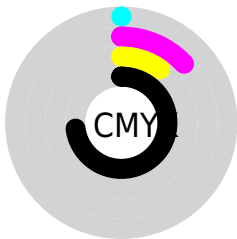
Blue (24%)



Red (27%)

Yellow (24%)

Blue (24%)

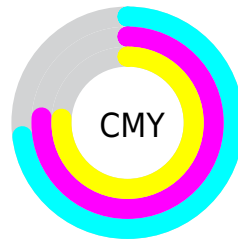


Cyan (0%)

Magenta (13%)

Yellow (10%)

Black (73%)



Cyan (73%)

Magenta (76%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 62.9190, 4.7220, 2.5300 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 62.9190, 4.7220, 2.5300 by changing the saturation by 10% instead.

■ 62.9190, 4.7220,
2.5300

■ 62.9190, 4.7220,
2.5300

■ 255.0000, -0.0000,
-0.0000

■ 40.9190, 4.7220,
2.5300

■ 110.2180, 5.3180,
2.7420

■ 20.6200, 4.1260,
2.3180

■ 135.6310, 5.5930,
3.2650

■ 0.0000, 0.0000,
0.0000

■ 162.2180, 5.3180,
2.7420

■ 189.5170, 5.9140,
2.9540

■ 216.9300, 6.1890,
3.4770

■ 245.5170, 5.9140,

2.9540

■ 62.9190, 4.7220,
2.5300

■ 62.9190, 4.7220,
2.5300

■ 58.2400, 8.2520,
4.6360

■ 67.5980, 1.1920,
0.4240

■ 53.4470, 12.1030,
6.4310

■ 72.3910, -2.6590,
-1.3710

■ 48.7680, 15.6330,
8.5370

■ 77.0700, -6.1890,
-3.4770

■ 44.0890, 19.1630,
10.6430

■ 81.7490, -9.7190,
-5.5830

■ 39.2960, 23.0140,
12.4380

■ 86.5420, -13.5700,
-7.3780

■ 35.2040, 26.2690,
14.0210

■ 90.6340, -16.8250,
-8.9610

■ 30.4110, 30.1200,
15.8160

■ 95.4270, -20.6760,
-10.7560

■ 25.7320, 33.6500,
17.9220

■ 100.1060,
-24.2060, -12.8620

■ 22.3410, 36.3090,
19.2930

■ 104.7850,
-27.7360, -14.9680

Harmonies

Analogous

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



62.6630, 2.5670, 3.0390



62.9190, 4.7220, 2.5300



62.5770, 5.6850, 1.5970

Triad

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



62.9190, 4.7220, 2.5300



61.7180, 0.7340, -2.2900



61.4770, -5.7770, 0.0710

Complementary

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



62.9190, 4.7220, 2.5300



66.0810, -4.7220, -2.5300

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.



61.2380, -6.6020, -1.4980



62.9190, 4.7220, 2.5300



61.3370, -2.5670, -3.0390

Square

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



62.9190, 4.7220, 2.5300



62.2130, 3.7140, -1.2300



61.0810, -4.7220, -2.5300



61.9010, -4.0350, 1.5410

Rectangle

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



62.9190, 4.7220, 2.5300



62.6370, 5.4560, 0.2400



61.0810, -4.7220, -2.5300



61.6510, -6.3270, -0.9750

Sweetspot

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



62.9190, 4.7220, 2.5300



86.8970, 1.7880, 0.6360



63.1190, 1.2830, 4.2830



44.5980, 1.1920, 0.4240



173.0000, -0.0000, 0.0000



46.0000, 0.0000, -0.0000

Same Dimension

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



62.9190, 4.7220, 2.5300



79.5280, 7.3810, 3.9010



63.8650, 4.8140, 0.8620



33.3100, 2.0630, 1.1590



32.1090, 51.9420, 27.8300



73.6870, 118.9210, 63.9850

Inverse Universe

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



62.9190, 4.7220, 2.5300



79.5280, 7.3810, 3.9010



65.1350, -4.8140, -0.8620



33.3100, 2.0630, 1.1590



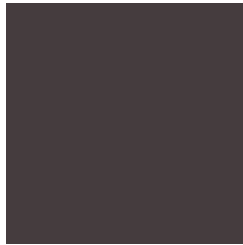
32.1090, 51.9420, 27.8300



73.6870, 118.9210, 63.9850

Previews

White Background



This preview shows how the YIQ color 62.9190, 4.7220, 2.5300 looks on a white background.

Color Contrast Check

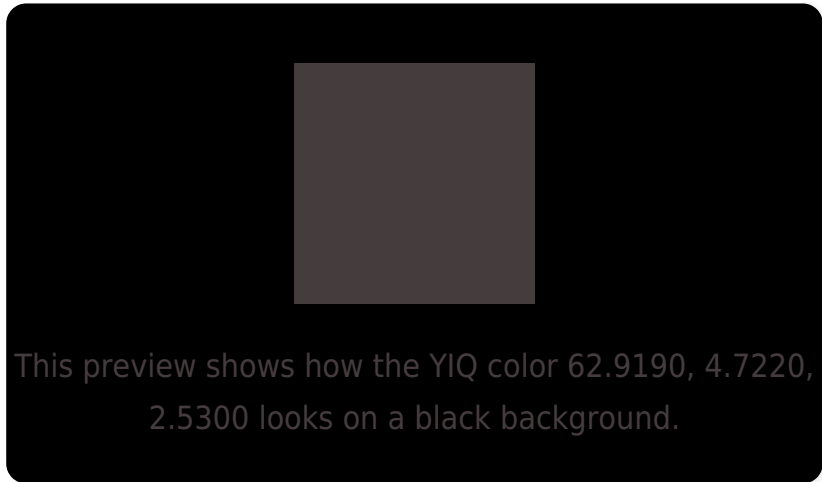
Large Text (above 18pt) WCAG AA ✓ Pass

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

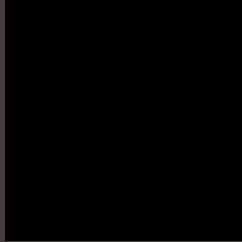
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 62.9190, 4.7220, 2.5300

Background



This preview shows how black text looks on a background with the YIQ color 62.9190, 4.7220, 2.5300.

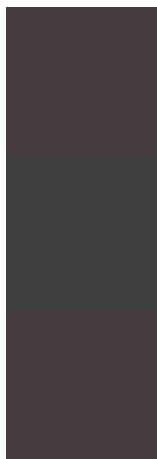


This preview shows how white text looks on a background with the YIQ color 62.9190, 4.7220, 2.5300.

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

62.9190, 4.7220, 2.5300

Protanopia

62.4130, 0.2750, 0.5230

Deuteranopia

62.6200, 4.1260, 2.3180



Tritanopia

63.1470, 4.0800, 3.1520

Trichromacy



Original Color

62.9190, 4.7220, 2.5300

Protanomaly

62.4240, 1.7420, 1.4700

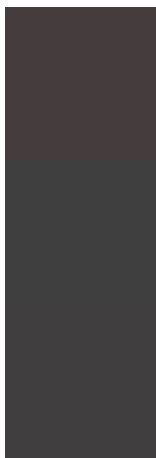
Deuteranomaly

62.6200, 4.1260, 2.3180

Tritanomaly

63.0330, 4.4010, 2.8410

Monochromacy



Original Color

62.9190, 4.7220, 2.5300

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.0110, 1.4670, 0.9470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 62.9190, 4.7220, 2.5300 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(69, 60, 62)` looks like.

```
.text, #text, p{  
    color:rgb(69, 60, 62)  
}
```

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(69, 60, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 60, 62) }
```

Border

The CSS property to change the border of an element to YIQ 62.9190, 4.7220, 2.5300 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(69, 60, 62) }
```

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

```
.border{ border-color:rgb(69, 60, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 60, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 60, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 60, 62);  
box-shadow:4px 4px 4px 4px rgb(69, 60, 62)  
}
```


Background

The CSS property to change the background color of an element to YIQ 62.9190, 4.7220, 2.5300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 60, 62) }
```

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

```
.background{ background-color: rgb(69, 60,  
62) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor