

Converting Colors

YIQ(62.2720, 48.7840, -3.0560)

Have a look what the booklet for
YIQ(62.2720, 48.7840, -3.0560)
contains.

YIQ(62.2720, 48.7840, -3.0560)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(62.2720, 48.7840,
-3.0560)**

Conversions

Conversions Part 1

Format	Color
Hex	6B3303
RGB	107, 51, 3
RGB Percent	42%, 20%, 1%
CMY	0.5803, 0.8001, 0.9880
CMYK	0.00, 0.52, 0.97, 0.58
HSL	28°, 94%, 22%
HSV	28°, 97%, 42%
XYZ	7.2661, 5.4997, 0.7664
YIQ	62.2720, 48.7840, -3.0560

Conversions

Conversions Part 2

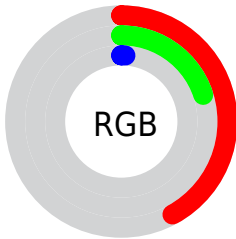
Format	Color
R_{YB}	107, 92, 3
Decimal	7025411
CIE _{Lab}	28.11, 22.06, 37.51
CIE _{LCh}	28, 43.516, 59.537
Yxy	5.4997, 0.5369, 0.4064
Android (android.graphics.Color)	4285215491 (0xFF6B3303)
YUV	62.2720, -29.2211, 39.2265
Hunter-Lab	23.4515, 14.2657, 14.4784

Details

The YIQ color **62.2720, 48.7840, -3.0560** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **47.7280, -48.7840, 3.0560**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.0770, 53.8270, -0.8370**, and **19.9560, 29.6630, 7.5750** is the 20% darker color. If you saturate the color by 10%, you get **60.7560, 50.2970, -2.9430**, and if you desaturate by 10%, it is **67.0480, 43.6030, -2.7730**.

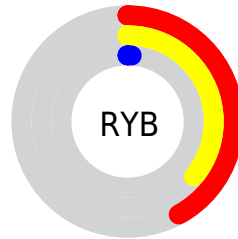
Distribution



Red (42%)

Green (20%)

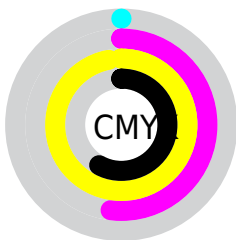
Blue (1%)



Red (42%)

Yellow (36%)

Blue (1%)

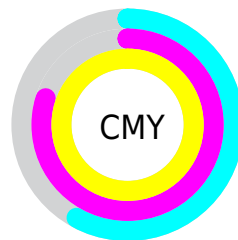


Cyan (0%)

Magenta (52%)

Yellow (97%)

Black (58%)



Cyan (58%)

Magenta (80%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 62.2720, 48.7840, -3.0560 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 62.2720, 48.7840, -3.0560 by changing the saturation by 10% instead.

■ 62.2720, 48.7840,
-3.0560

■ 62.2720, 48.7840,
-3.0560

■ 252.6060, 6.7410,
-6.5310

■ 40.9430, 39.7050,
1.7930

■ 112.3760, 54.4230,
-0.6250

■ 19.9560, 29.6630,
7.5750

■ 139.0450, 56.8530,
-0.6110

■ 8.1870, 15.7710,
6.0350

■ 165.7140, 59.2830,
-0.5970

■ 0.0000, 0.0000,
0.0000

■ 192.9100, 61.6670,
0.2510

■ 213.2070, 47.4090,
-5.6710

■ 232.7210, 31.0420,

-11.9180

■ 249.4140, 15.7290,
-15.2390

■ 62.2720, 48.7840,
-3.0560

■ 62.2720, 48.7840,
-3.0560

■ 60.7560, 50.2970,
-2.9430

■ 67.0480, 43.6030,
-2.7730

■ 71.7100, 38.7430,
-2.8010

■ 75.8990, 33.8370,
-1.9950

■ 80.6750, 28.6560,
-1.7120

■ 85.4510, 23.4750,
-1.4290

■ 90.1130, 18.6150,
-1.4570

■ 94.3020, 13.7090,
-0.6510

■ 99.0780, 8.5280,
-0.3680

■ 103.7400, 3.6680,
-0.3960

Harmonies

Analogous

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



61.4260, 52.1270, 18.9670



62.2720, 48.7840, -3.0560



62.6730, 30.9970, -16.6110

Triad

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



62.2720, 48.7840, -3.0560



54.9570, -43.1400, -22.1480



66.8340, -19.1230, 21.6850

Complementary

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



62.2720, 48.7840, -3.0560



47.7280, -48.7840, 3.0560

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.



56.9530, -62.5390, 4.5410



62.2720, 48.7840, -3.0560



58.8330, -54.0540, -11.5740

Square

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



62.2720, 48.7840, -3.0560



49.7930, -31.3550, -31.9870



59.9220, -61.2540, -2.2300



66.3890, 19.1590, 32.7510

Rectangle

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



62.2720, 48.7840, -3.0560



59.9160, 16.8310, -24.2010



59.9220, -61.2540, -2.2300



62.5650, -37.5990, 15.1130

Sweetspot

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



62.2720, 48.7840, -3.0560



122.5260, 18.8900, -0.9340



40.5940, 43.6870, 39.7750



60.5190, 11.6000, -0.9760



199.0000, -0.0000, 0.0000



71.0000, -0.0000, -0.0000

Same Dimension

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



62.2720, 48.7840, -3.0560



80.0150, 65.5650, -4.3150



92.2090, 34.7590, -29.7290



51.5550, 2.7510, -0.2970



66.6810, 54.8820, -3.4380



139.5860, 114.9450, -7.1590

Inverse Universe

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



47.7280, -48.7840, 3.0560



60.5720, -65.8400, 3.7920



17.7910, -34.7590, 29.7290



50.4450, -2.7510, 0.2970



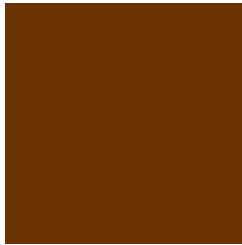
50.3190, -54.8820, 3.4380



105.4140, -114.9450, 7.1590

Previews

White Background



This preview shows how the YIQ color 62.2720, 48.7840, -3.0560 looks on a white background.

Color Contrast Check

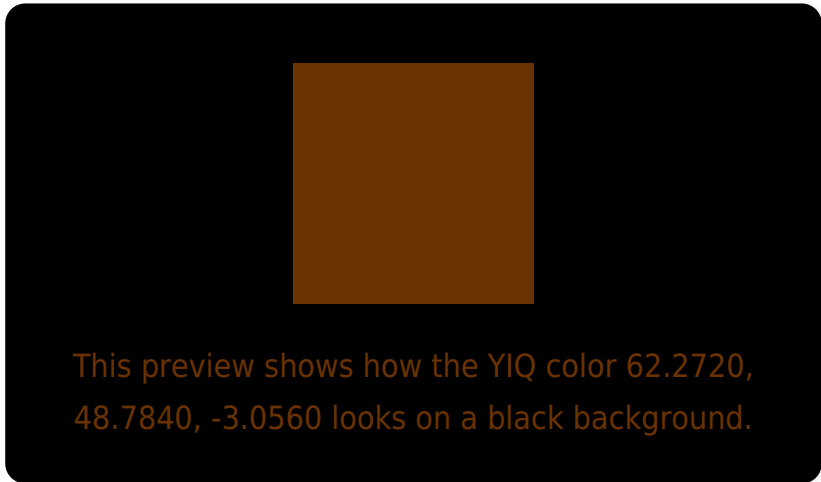
Large Text (above 18pt) WCAG AA ✓ Pass

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

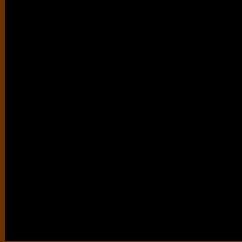
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 62.2720, 48.7840, -3.0560

Background



This preview shows how black text looks on a background with the YIQ color 62.2720, 48.7840, -3.0560.



This preview shows how white text looks on a background with the YIQ color 62.2720, 48.7840,

-3.0560.

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

62.2720, 48.7840, -3.0560

Protanopia

63.1930, 23.6610, -15.8190

Deuteranopia

62.9830, 33.0600, -15.4520



Tritanopia

65.6950, 35.0720, 14.1760

Trichromacy



Original Color

62.2720, 48.7840, -3.0560

Protanomaly

62.6180, 32.8300, -11.2820

Deuteranomaly

62.5540, 38.8820, -10.8300

Tritanomaly

64.3440, 40.2540, 8.3660

Monochromacy



Original Color

62.2720, 48.7840, -3.0560

Achromatopsia

62.0000, -0.0000, -0.0000

Achromatomaly

62.0420, 17.3770, -1.0470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 62.2720, 48.7840, -3.0560 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(107, 51, 3)` looks like.

```
.text, #text, p{  
    color:rgb(107, 51, 3)  
}
```

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(107, 51, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 51, 3) }
```

Border

The CSS property to change the border of an element to YIQ 62.2720, 48.7840, -3.0560 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(107, 51, 3) }
```


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

```
.border{ border-color:rgb(107, 51, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 51, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 51, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 51, 3);  
box-shadow:4px 4px 4px 4px rgb(107, 51, 3)  
}
```

Background

The CSS property to change the background color of an element to YIQ 62.2720, 48.7840, -3.0560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 51, 3) }
```

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

```
.background{ background-color: rgb(107, 51,  
3) }
```

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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