

Converting Colors

YIQ(41.9160, 27.1400, 14.7560)

Have a look what the booklet for
YIQ(41.9160, 27.1400, 14.7560)
contains.

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Color

**YIQ(41.9160, 27.1400,
14.7560)**

Conversions

Conversions Part 1

Format	Color
Hex	4D1925
RGB	77, 25, 37
RGB Percent	30%, 10%, 15%
CMY	0.6979, 0.9020, 0.8548
CMYK	0.00, 0.68, 0.52, 0.70
HSL	346°, 51%, 20%
HSV	346°, 68%, 30%
XYZ	3.7448, 2.4072, 2.0196
YIQ	41.9160, 27.1400, 14.7560

Conversions

Conversions Part 2

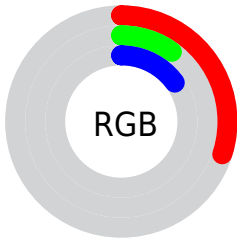
Format	Color
R_{YB}	77, 25, 37
Decimal	5052709
CIE _{Lab}	17.49, 25.77, 4.81
CIE _{LCh}	17, 26.212, 10.565
Yxy	2.4072, 0.4583, 0.2946
Android (android.graphics.Color)	4283242789 (0xFF4D1925)
YUV	41.9160, -2.4236, 30.7687
Hunter-Lab	15.5153, 15.9310, 3.1430

Details

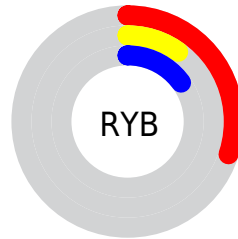
The YIQ color **41.9160, 27.1400, 14.7560** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **60.0840, -27.1400, -14.7560**, and the grayscale version is **42.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **89.4820, 31.3580, 15.4060**, and **8.4860, 16.3670, 6.2470** is the 20% darker color. If you saturate the color by 10%, you get **36.5360, 31.2660, 17.0740**, and if you desaturate by 10%, it is **47.2960, 23.0140, 12.4380**.

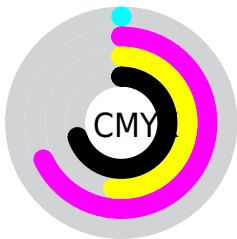
Distribution



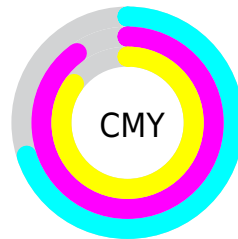
- Red (30%)
- Green (10%)
- Blue (15%)



- Red (30%)
- Yellow (10%)
- Blue (15%)



- Cyan (0%)
- Magenta (68%)
- Yellow (52%)
- Black (70%)



- Cyan (70%)
- Magenta (90%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 41.9160, 27.1400, 14.7560 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 41.9160, 27.1400, 14.7560 by changing the saturation by 10% instead.

41.9160, 27.1400,
14.7560

41.9160, 27.1400,
14.7560

255.0000, -0.0000,
-0.0000

18.5460, 25.3060,
14.9540

89.4820, 31.3580,
15.4060

8.4860, 16.3670,
6.2470

115.0800, 32.5500,
15.8300

0.0000, 0.0000,
0.0000


140.9770, 34.3380,
16.4660


167.5750, 35.5300,
16.8900


195.1730, 36.7220,
17.3140


218.8730, 28.6990,


14.0350


 238.5010, 12.0110,
8.0990


 41.9160, 27.1400,
14.7560


 41.9160, 27.1400,
14.7560


 36.5360, 31.2660,
17.0740


 47.2960, 23.0140,
12.4380


 31.7430, 35.1170,
18.8690


 52.0890, 19.1630,
10.6430

 26.3630, 39.2430,
21.1870

 57.4690, 15.0370,
8.3250

 25.0750, 40.1140,
21.9220

 62.8490, 10.9110,
6.0070

 67.6420, 7.0600,
4.2120

■ 73.0220, 2.9340,
1.8940

■ 78.2880, -0.8710,
-0.7350

■ 83.6680, -4.9970,
-3.0530

■ 88.4610, -8.8480,
-4.8480

Harmonies

Analogous

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



43.4620, 16.9150, 18.3470



41.9160, 27.1400, 14.7560



41.9020, 29.7550, 5.9070

Triad

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



41.9160, 27.1400, 14.7560



37.9050, -1.8310, -16.3830



37.0680, -38.2380, -0.8460

Complementary

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



41.9160, 27.1400, 14.7560



60.0840, -27.1400, -14.7560

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.



37.5750, -35.5320, -5.8360



41.9160, 27.1400, 14.7560



33.3570, -23.6550, -17.3430

Square

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



41.9160, 27.1400, 14.7560



39.8810, 15.9120, -13.0480



36.1100, -30.0290, -11.9570



39.1450, -27.9690, 5.7830

Rectangle

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



41.9160, 27.1400, 14.7560



41.3760, 28.0600, -1.9240



36.1100, -30.0290, -11.9570



37.9000, -37.8250, -2.8250

Sweetspot

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



41.9160, 27.1400, 14.7560



86.1370, 10.0400, 5.2720



42.8880, 7.1480, 24.6520



42.9300, 6.1890, 3.4770



179.0000, -0.0000, -0.0000



51.0000, -0.0000, -0.0000

Same Dimension

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



41.9160, 27.1400, 14.7560



45.0860, 41.5810, 22.8690



48.7660, 27.1420, 3.7020



35.3100, 2.0630, 1.1590



33.2340, 53.0880, 29.0880



74.8120, 120.0670, 65.2430

Inverse Universe

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



41.9160, 27.1400, 14.7560



45.0860, 41.5810, 22.8690



53.2340, -27.1420, -3.7020



35.3100, 2.0630, 1.1590



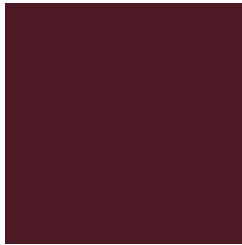
33.2340, 53.0880, 29.0880



74.8120, 120.0670, 65.2430

Previews

White Background



This preview shows how the YIQ color 41.9160, 27.1400, 14.7560 looks on a white background.

Color Contrast Check

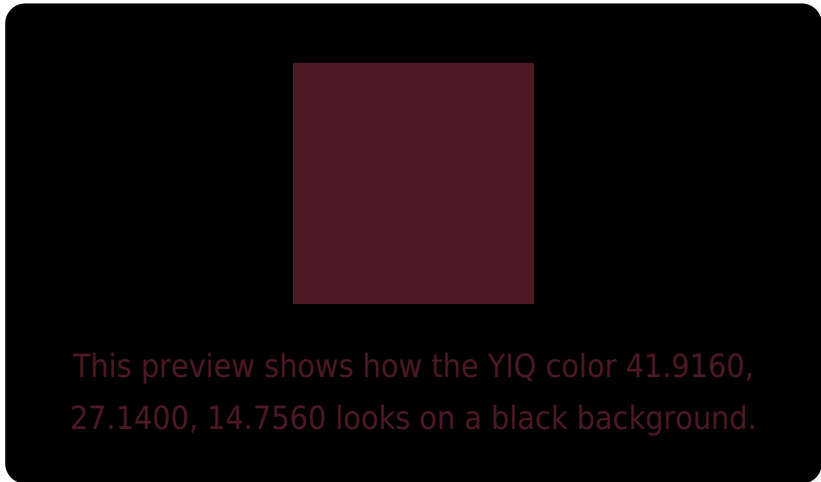
Large Text (above 18pt) WCAG AA ✓ Pass

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

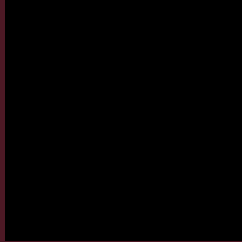
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 41.9160, 27.1400, 14.7560

Background



This preview shows how black text looks on a background with the YIQ color 41.9160, 27.1400, 14.7560.



This preview shows how white text looks on a background with the YIQ color 41.9160, 27.1400,

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

41.9160, 27.1400, 14.7560

Protanopia

44.3420, -0.9630, 0.9330

Deuteranopia

44.1920, 8.2070, -0.0570



Tritanopia

42.0640, 29.4790, 10.9110

Trichromacy



Original Color

41.9160, 27.1400, 14.7560

Protanomaly

43.3650, 9.3980, 5.8940

Deuteranomaly

43.4750, 14.9000, 5.3000

Tritanomaly

41.8190, 28.7910, 12.3670

Monochromacy



Original Color

41.9160, 27.1400, 14.7560

Achromatopsia

42.0000, -0.0000, -0.0000

Achromatomaly

42.1370, 10.0400, 5.2720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 41.9160, 27.1400, 14.7560 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(77, 25, 37)` looks like.

```
.text, #text, p{  
    color:rgb(77, 25, 37)  
}
```

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(77, 25, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 25, 37) }
```

Border

The CSS property to change the border of an element to YIQ 41.9160, 27.1400, 14.7560 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(77, 25, 37) }
```


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

```
.border{ border-color:rgb(77, 25, 37) }
```

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

Here you see how a box with a 4 pixel rgb(77, 25, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 25, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 25, 37);  
box-shadow:4px 4px 4px 4px rgb(77, 25, 37)  
}
```

Background

The CSS property to change the background color of an element to YIQ 41.9160, 27.1400, 14.7560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 25, 37) }
```

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

```
.background{ background-color: rgb(77, 25,  
37) }
```

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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