

Converting Colors

YIQ(29.5040, 34.2920, 17.3000)

Have a look what the booklet for
YIQ(29.5040, 34.2920, 17.3000)
contains.

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Color

**YIQ(29.5040, 34.2920,
17.3000)**

Conversions

Conversions Part 1

Format	Color
Hex	490915
RGB	73, 9, 21
RGB Percent	29%, 4%, 8%
CMY	0.7136, 0.9648, 0.9175
CMYK	0.00, 0.88, 0.71, 0.71
HSL	349°, 78%, 16%
HSV	349°, 88%, 29%
XYZ	2.9838, 1.6671, 0.8756
YIQ	29.5040, 34.2920, 17.3000

Conversions

Conversions Part 2

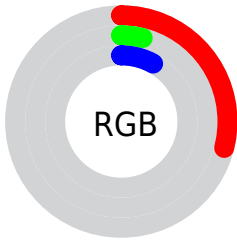
Format	Color
R_{YB}	73, 9, 21
Decimal	4786453
CIE _{Lab}	13.63, 30.00, 10.98
CIE _{LCh}	14, 31.947, 20.106
Yxy	1.6671, 0.5399, 0.3017
Android (android.graphics.Color)	4282976533 (0xFF490915)
YUV	29.5040, -4.1925, 38.1460
Hunter-Lab	12.9117, 18.6546, 5.0176

Details

The YIQ color **29.5040, 34.2920, 17.3000** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **52.4960, -34.2920, -17.3000**, and the grayscale version is **30.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **78.9020, 38.9230, 15.9710**, and **2.0930, 4.1720, 1.4840** is the 20% darker color. If you saturate the color by 10%, you get **24.7110, 38.1430, 19.0950**, and if you desaturate by 10%, it is **34.2970, 30.4410, 15.5050**.

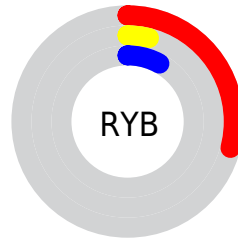
Distribution



Red (29%)

Green (4%)

Blue (8%)



Red (29%)

Yellow (4%)

Blue (8%)

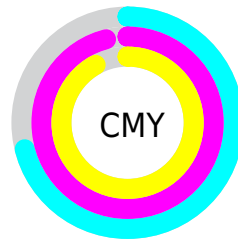


Cyan (0%)

Magenta (88%)

Yellow (71%)

Black (71%)



Cyan (71%)


Magenta (96%)


Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 29.5040, 34.2920, 17.3000 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 29.5040, 34.2920, 17.3000 by changing the saturation by 10% instead.


 29.5040, 34.2920,
17.3000


 29.5040, 34.2920,
17.3000

 247.4030, 6.2350,
2.6430


 14.6510, 29.2040,
10.3880


 78.9020, 38.9230,
15.9710


 2.0930, 4.1720,
1.4840

 103.9840, 41.6280,
16.5080

 0.0000, 0.0000,
0.0000


 129.8810, 43.4160,
17.1440


 156.3650, 44.9290,
17.2570


 184.1480, 47.0380,
17.5820


 207.5600, 39.8860,


15.0380


 227.1880, 23.1980,
9.1020


 29.5040, 34.2920,
17.3000

 29.5040, 34.2920,
17.3000


 24.7110, 38.1430,
19.0950


 34.2970, 30.4410,
15.5050

 23.4230, 39.0140,
19.8300

 39.6770, 26.3150,
13.1870

 44.4700, 22.4640,
11.3920

 49.2630, 18.6130,
9.5970

 54.0560, 14.7620,
7.8020

■ 59.4360, 10.6360,
5.4840

■ 64.2290, 6.7850,
3.6890

■ 68.9080, 3.2550,
1.5830

■ 74.2880, -0.8710,
-0.7350

Harmonies

Analogous

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



30.5280, 25.7170, 24.0290



29.5040, 34.2920, 17.3000



32.0610, 33.5610, 3.0090

Triad

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



29.5040, 34.2920, 17.3000



24.9530, -10.9540, -21.7540



32.4860, -36.3590, 3.6490

Complementary

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



29.5040, 34.2920, 17.3000



52.4960, -34.2920, -17.3000

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.



33.1070, -33.9740, -1.0300



29.5040, 34.2920, 17.3000



28.7920, -20.4460, -14.9260

Square

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



29.5040, 34.2920, 17.3000



31.5750, 8.0260, -13.3020



32.1150, -28.4250, -7.9850



31.4490, -25.7690, 9.9670

Rectangle

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



29.5040, 34.2920, 17.3000



33.1800, 25.6760, -2.7720



32.1150, -28.4250, -7.9850



32.8450, -35.9920, 2.5040

Sweetspot

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



29.5040, 34.2920, 17.3000



77.6320, 13.0200, 6.3320



31.5450, 9.8520, 30.7160



37.8270, 7.9770, 4.1130



176.0000, -0.0000, -0.0000



48.0000, -0.0000, 0.0000

Same Dimension

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



29.5040, 34.2920, 17.3000



30.1580, 50.2460, 25.5260



39.2890, 32.9190, 3.6310



33.3100, 2.0630, 1.1590



31.7670, 52.9050, 26.8970



72.7750, 121.4890, 61.4970

Inverse Universe

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



29.5040, 34.2920, 17.3000



30.1580, 50.2460, 25.5260



42.7110, -32.9190, -3.6310



33.3100, 2.0630, 1.1590



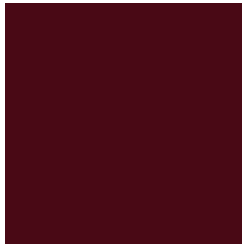
31.7670, 52.9050, 26.8970



72.7750, 121.4890, 61.4970

Previews

White Background



This preview shows how the YIQ color 29.5040, 34.2920, 17.3000 looks on a white background.

Color Contrast Check

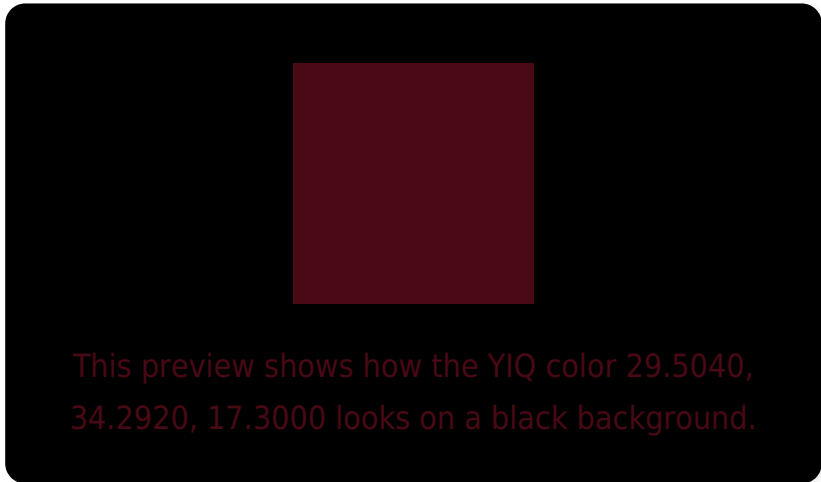
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.5040, 34.2920, 17.3000

Background



This preview shows how black text looks on a background with the YIQ color 29.5040, 34.2920, 17.3000.



This preview shows how white text looks on a background with the YIQ color 29.5040, 34.2920,

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

29.5040, 34.2920, 17.3000

Protanopia

37.8000, 3.4390, -1.7530

Deuteranopia

37.1230, 12.6550, -3.5770



Tritanopia

30.1250, 36.6770, 12.6210

Trichromacy



Original Color

29.5040, 34.2920, 17.3000

Protanomaly

34.4750, 14.9000, 5.3000

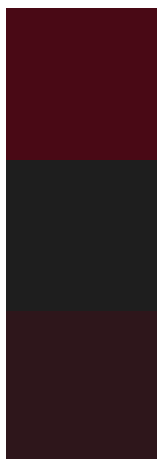
Deuteranomaly

34.0580, 20.4480, 3.8720

Tritanomaly

29.9940, 35.6680, 14.3880

Monochromacy



Original Color

29.5040, 34.2920, 17.3000

Achromatopsia

30.0000, -0.0000, -0.0000

Achromatomaly

29.7460, 12.6990, 6.6430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 29.5040, 34.2920, 17.3000 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(73, 9, 21)` looks like.

```
.text, #text, p{  
    color:rgb(73, 9, 21)  
}
```

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(73, 9, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 9, 21) }
```

Border

The CSS property to change the border of an element to YIQ 29.5040, 34.2920, 17.3000 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(73, 9, 21) }
```


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

```
.border{ border-color:rgb(73, 9, 21) }
```

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

Here you see how a box with a 4 pixel rgb(73, 9, 21) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 9, 21); -webkit-box-shadow:4px  
4px 4px 4px rgb(73, 9, 21); box-shadow:4px  
4px 4px 4px rgb(73, 9, 21) }
```

Background

The CSS property to change the background color of an element to YIQ 29.5040, 34.2920, 17.3000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 9, 21) }
```

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

```
.background{ background-color: rgb(73, 9,  
21) }
```

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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