

Converting Colors

YIQ(36.9520, 18.2910, 15.4350)

Have a look what the booklet for
YIQ(36.9520, 18.2910, 15.4350)
contains.

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Color

**YIQ(36.9520, 18.2910,
15.4350)**

Conversions

Conversions Part 1

Format	Color
Hex	40162B
RGB	64, 22, 43
RGB Percent	25%, 9%, 17%
CMY	0.7489, 0.9138, 0.8313
CMYK	0.00, 0.66, 0.33, 0.75
HSL	330°, 49%, 17%
HSV	330°, 66%, 25%
XYZ	2.8391, 1.8386, 2.4921
YIQ	36.9520, 18.2910, 15.4350

Conversions

Conversions Part 2

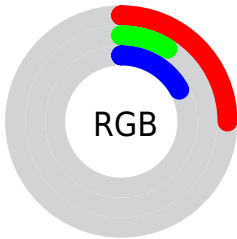
Format	Color
R_{YB}	64, 22, 43
Decimal	4199979
CIE _{Lab}	14.62, 23.17, -4.00
CIE _{LCh}	15, 23.513, 350.210
Yxy	1.8386, 0.3960, 0.2564
Android (android.graphics.Color)	4282390059 (0xFF40162B)
YUV	36.9520, 2.9817, 23.7211
Hunter-Lab	13.5596, 13.6451, -1.4053

Details

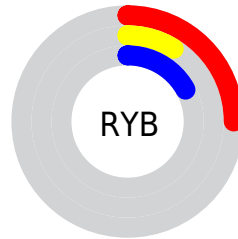
The YIQ color **36.9520, 18.2910, 15.4350** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **49.0480, -18.2910, -15.4350**, and the grayscale version is **37.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **83.4470, 21.2710, 16.4950**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **33.0880, 20.9040, 17.6400**, and if you desaturate by 10%, it is **40.8160, 15.6780, 13.2300**.

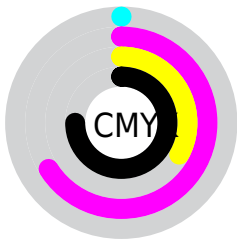
Distribution



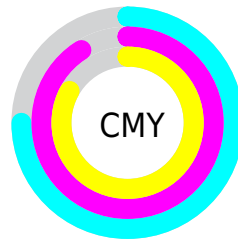
- Red (25%)
- Green (9%)
- Blue (17%)



- Red (25%)
- Yellow (9%)
- Blue (17%)



- Cyan (0%)
- Magenta (66%)
- Yellow (33%)
- Black (75%)



- Cyan (75%)
- Magenta (91%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 36.9520, 18.2910, 15.4350 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 36.9520, 18.2910, 15.4350 by changing the saturation by 10% instead.

■ 36.9520, 18.2910,
15.4350

■ 36.9520, 18.2910,
15.4350

■ 253.8260, 0.5500,
1.0460

■ 14.8810, 17.0530,
15.8450

■ 83.4470, 21.2710,
16.4950

■ 0.0000, 0.0000,
0.0000

■ 108.1590, 22.1420,
17.2300

■ 133.7570, 23.3340,
17.6540


■ 160.0560, 23.9300,
17.8660


■ 187.4690, 24.2050,
18.3890


■ 215.0670, 25.3970,


18.8130


 236.0050, 10.7720,
14.0360


 36.9520, 18.2910,
15.4350


 36.9520, 18.2910,
15.4350

 33.0880, 20.9040,
17.6400


 40.8160, 15.6780,
13.2300


 28.6370, 23.7920,
20.3680


 45.2670, 12.7900,
10.5020

 24.6590, 26.7260,
22.2620

 49.2450, 9.8560,
8.6080

 22.7840, 27.8720,
23.5200

 53.6960, 6.9680,
5.8800

 57.5600, 4.3550,
3.6750

■ 61.4240, 1.7420,
1.4700

■ 65.8750, -1.1460,
-1.2580

■ 69.8530, -4.0800,
-3.1520

■ 74.3040, -6.9680,
-5.8800

Harmonies

Analogous

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



38.5960, 4.6740, 14.4180



36.9520, 18.2910, 15.4350



35.9110, 25.5360, 10.7840

Triad

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



36.9520, 18.2910, 15.4350



33.6570, 10.7310, -12.7650



32.8960, -32.0020, -3.7300

Complementary

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



36.9520, 18.2910, 15.4350



49.0480, -18.2910, -15.4350

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.



31.8870, -27.7830, -8.6070



36.9520, 18.2910, 15.4350



31.3220, -7.3790, -14.9550

Square

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



36.9520, 18.2910, 15.4350



35.2070, 21.0460, -6.9700



29.3620, -22.0510, -13.3710



31.3460, -33.1490, 0.5390

Rectangle

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



36.9520, 18.2910, 15.4350



35.6350, 26.1330, 5.4690



29.3620, -22.0510, -13.3710



32.4400, -30.7180, -4.9740

Sweetspot

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



36.9520, 18.2910, 15.4350



73.1090, 7.2430, 6.4030



32.7680, -1.5620, 17.3020



36.5600, 4.3550, 3.6750



171.0000, -0.0000, -0.0000



43.0000, -0.0000, -0.0000

Same Dimension

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



36.9520, 18.2910, 15.4350



41.4960, 28.7430, 24.2550



34.6720, 24.7110, 9.2150



31.0110, 1.4670, 0.9470



34.4750, 42.4040, 35.4920



79.7440, 97.5520, 82.3200

Inverse Universe

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



36.9520, 18.2910, 15.4350



41.4960, 28.7430, 24.2550



51.3280, -24.7110, -9.2150



31.0110, 1.4670, 0.9470



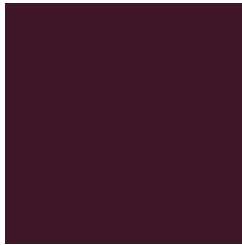
34.4750, 42.4040, 35.4920



79.7440, 97.5520, 82.3200

Previews

White Background



This preview shows how the YIQ color 36.9520, 18.2910, 15.4350 looks on a white background.

Color Contrast Check

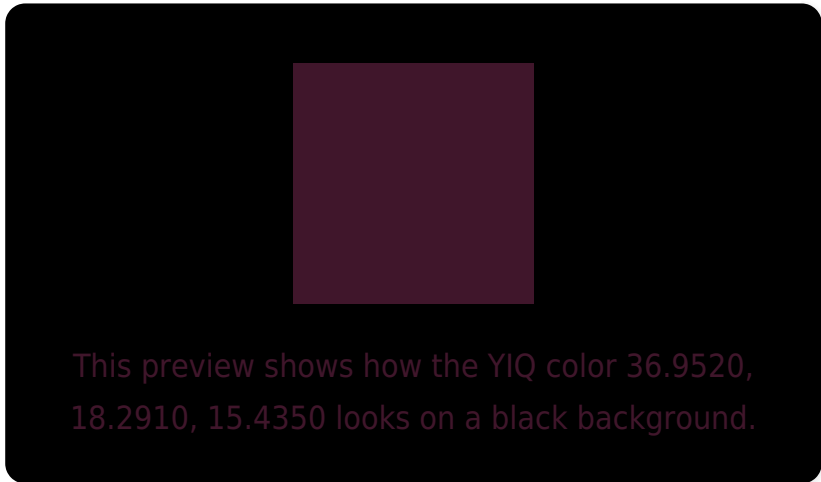
Large Text (above 18pt) WCAG AA ✓ Pass

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

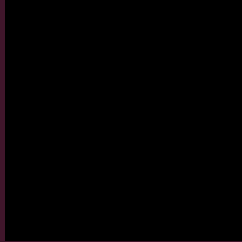
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 36.9520, 18.2910, 15.4350

Background



This preview shows how black text looks on a background with the YIQ color 36.9520, 18.2910, 15.4350.



This preview shows how white text looks on a background with the YIQ color 36.9520, 18.2910,

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

36.9520, 18.2910, 15.4350

Protanopia

38.3290, -8.1160, 3.9160

Deuteranopia

38.6520, 1.1000, 2.0920



Tritanopia

37.1770, 21.7310, 8.1550

Trichromacy



Original Color

36.9520, 18.2910, 15.4350

Protanomaly

37.6400, 1.3740, 8.1420

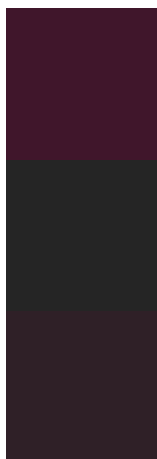
Deuteranomaly

38.2230, 6.9220, 6.7140

Tritanomaly

37.2740, 20.0800, 10.5440

Monochromacy



Original Color

36.9520, 18.2910, 15.4350

Achromatopsia

37.0000, -0.0000, 0.0000

Achromatomaly

37.2830, 6.6930, 5.3570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 36.9520, 18.2910, 15.4350 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(64, 22, 43)` looks like.

```
.text, #text, p{  
    color:rgb(64, 22, 43)  
}
```

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(64, 22, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 22, 43) }
```

Border

The CSS property to change the border of an element to YIQ 36.9520, 18.2910, 15.4350 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(64, 22, 43) }
```


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

```
.border{ border-color:rgb(64, 22, 43) }
```

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

Here you see how a box with a 4 pixel rgb(64, 22, 43) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 22, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 22, 43);  
box-shadow:4px 4px 4px 4px rgb(64, 22, 43)  
}
```

Background

The CSS property to change the background color of an element to YIQ 36.9520, 18.2910, 15.4350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 22, 43) }
```

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

```
.background{ background-color: rgb(64, 22,  
43) }
```

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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