

Converting Colors

YIQ(32.9350, 52.4920, 28.8760)

Have a look what the booklet for
YIQ(32.9350, 52.4920, 28.8760)
contains.

YIQ(32.9350, 52.4920, 28.8760)	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(32.9350, 52.4920,
28.8760)**

Conversions

Conversions Part 1

Format	Color
Hex	650018
RGB	101, 0, 24
RGB Percent	40%, 0%, 9%
CMY	0.6037, 1.0000, 0.9057
CMYK	0.00, 1.00, 0.76, 0.60
HSL	346°, 100%, 20%
HSV	346°, 100%, 40%
XYZ	5.5395, 2.8366, 1.1224
YIQ	32.9350, 52.4920, 28.8760

Conversions

Conversions Part 2

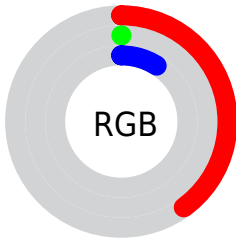
Format	Color
R_YB	101, 0, 24
Decimal	6619160
CIE Lab	19.38, 41.37, 17.47
CIE LCh	19, 44.905, 22.893
Yxy	2.8366, 0.5832, 0.2986
Android (android.graphics.Color)	4284809240 (0xFF650018)
YUV	32.9350, -4.4050, 59.6930
Hunter-Lab	16.8422, 29.2356, 7.8385

Details

The YIQ color **32.9350, 52.4920, 28.8760** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **68.0650, -52.4920, -28.8760**, and the grayscale version is **33.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **90.1000, 56.1610, 22.9530**, and **14.8790, 28.5620, 11.0100** is the 20% darker color. If you saturate the color by 10%, you get **32.9350, 52.4920, 28.8760**, and if you desaturate by 10%, it is **39.7170, 47.1740, 26.1340**.

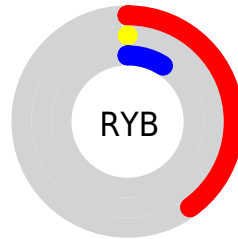
Distribution



Red (40%)

Green (0%)

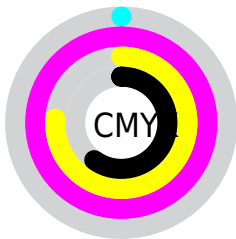
Blue (9%)



Red (40%)

Yellow (0%)

Blue (9%)

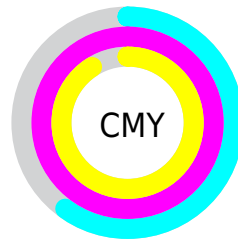


Cyan (0%)

Magenta (100%)

Yellow (76%)

Black (60%)



Cyan (60%)


Magenta (100%)


Yellow (91%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 32.9350, 52.4920, 28.8760 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 32.9350, 52.4920, 28.8760 by changing the saturation by 10% instead.


 32.9350, 52.4920,
28.8760


 32.9350, 52.4920,
28.8760


 252.0820, 2.7050,
0.5370


 22.1260, 44.1040,
15.6880


 90.1000, 56.1610,
22.9530


 14.8790, 28.5620,
11.0100

 116.6550, 58.9120,
22.6560

 0.0000, 0.0000,
0.0000


 143.6230, 61.9380,
22.8820


 170.8190, 64.3220,
23.7300


 192.0240, 53.3190,
19.3910


 211.5380, 36.9520,


13.1440


 231.7530, 19.9890,
6.6850


 32.9350, 52.4920,
28.8760

 39.7170, 47.1740,
26.1340

 46.3850, 42.1770,
23.0810

 53.1670, 36.8590,
20.3390

 59.9490, 31.5410,
17.5970

 67.3180, 25.9480,
14.3320

■ 73.9860, 20.9510,
11.2790

■ 80.7680, 15.6330,
8.5370

■ 87.5500, 10.3150,
5.7950

■ 94.2180, 5.3180,
2.7420

Harmonies

Analogous

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



35.9850, 41.0280, 38.4040



32.9350, 52.4920, 28.8760



41.8730, 45.8940, 5.2700

Triad

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



32.9350, 52.4920, 28.8760



34.0460, -15.9500, -30.3340



44.5800, -51.1230, 6.9010

Complementary

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



32.9350, 52.4920, 28.8760



68.0650, -52.4920, -28.8760

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.



45.9190, -48.0040, -0.0680



32.9350, 52.4920, 28.8760



39.5520, -28.6980, -19.5620

Square

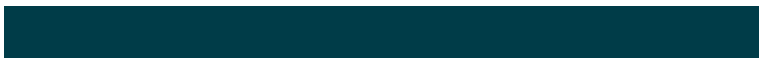
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



32.9350, 52.4920, 28.8760



41.5760, 6.2850, -20.2990



43.4280, -39.6120, -8.9880



41.1520, -37.8740, 14.5900

Rectangle

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



32.9350, 52.4920, 28.8760



44.4320, 33.6540, -4.1860



43.4280, -39.6120, -8.9880



45.4120, -50.7100, 4.9220

Sweetspot

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



32.9350, 52.4920, 28.8760



105.9860, 20.9510, 11.2790



34.2380, 12.8750, 47.5230



49.8600, 12.3780, 6.9540



194.0000, -0.0000, 0.0000



66.0000, -0.0000, -0.0000

Same Dimension

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



32.9350, 52.4920, 28.8760



43.4150, 68.9960, 38.1480



44.8740, 53.3210, 8.3370



47.6090, 2.6590, 1.3710



37.4630, 59.8730, 32.7770



78.9700, 125.6140, 69.3420

Inverse Universe

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



32.9350, 52.4920, 28.8760



43.4150, 68.9960, 38.1480



56.1260, -53.3210, -8.3370



47.6090, 2.6590, 1.3710



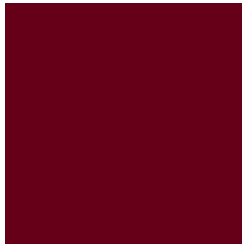
37.4630, 59.8730, 32.7770



78.9700, 125.6140, 69.3420

Previews

White Background



This preview shows how the YIQ color 32.9350, 52.4920, 28.8760 looks on a white background.

Color Contrast Check

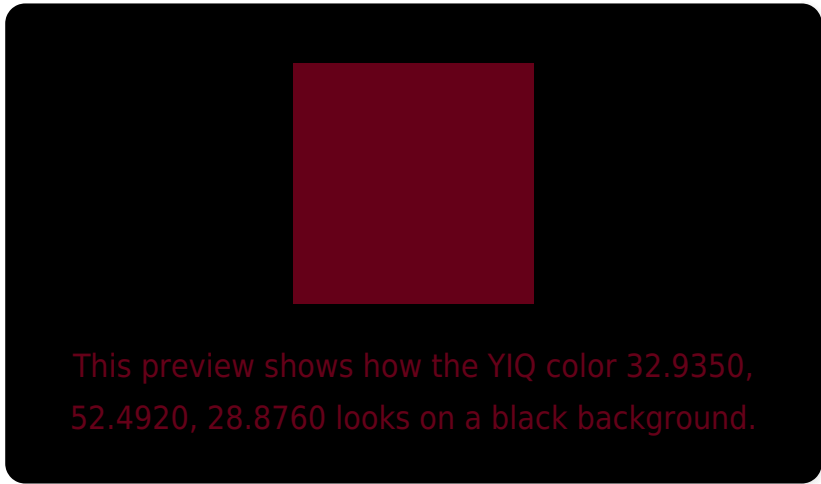
Large Text (above 18pt) WCAG AA ✓ Pass

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

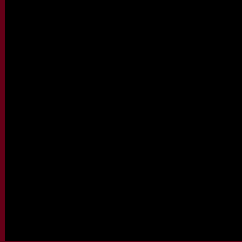
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 32.9350, 52.4920, 28.8760

Background



This preview shows how black text looks on a background with the YIQ color 32.9350, 52.4920, 28.8760.

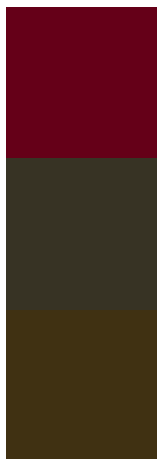


This preview shows how white text looks on a background with the YIQ color 32.9350, 52.4920,

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

32.9350, 52.4920, 28.8760

Protanopia

50.4860, 7.1990, -3.8170

Deuteranopia

49.9510, 18.8910, -6.4610



Tritanopia

36.7530, 55.5200, 18.0480

Trichromacy



Original Color

32.9350, 52.4920, 28.8760

Protanomaly

43.9600, 23.8400, 8.4800

Deuteranomaly

43.5000, 30.9470, 6.3310

Tritanomaly

35.2030, 54.3730, 22.3170

Monochromacy



Original Color

32.9350, 52.4920, 28.8760

Achromatopsia

33.0000, -0.0000, -0.0000

Achromatomaly

33.0890, 19.1630, 10.6430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 32.9350, 52.4920, 28.8760 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(101, 0, 24)` looks like.

```
.text, #text, p{  
    color:rgb(101, 0, 24)  
}
```

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(101, 0, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 0, 24) }
```

Border

The CSS property to change the border of an element to YIQ 32.9350, 52.4920, 28.8760 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(101, 0, 24) }
```


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

```
.border{ border-color:rgb(101, 0, 24) }
```

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

Here you see how a box with a 4 pixel rgb(101, 0, 24) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 0, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 0, 24);  
box-shadow:4px 4px 4px 4px rgb(101, 0, 24)  
}
```

Background

The CSS property to change the background color of an element to YIQ 32.9350, 52.4920, 28.8760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 0, 24) }
```

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

```
.background{ background-color: rgb(101, 0,  
24) }
```

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