

Converting Colors

YIQ(36.3120, 35.2530, 27.4210)

Have a look what the booklet for
YIQ(36.3120, 35.2530, 27.4210)
contains.

YIQ(36.3120, 35.2530, 27.4210)	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(36.3120, 35.2530,
27.4210)**

Conversions

Conversions Part 1

Format	Color
Hex	57092C
RGB	87, 9, 44
RGB Percent	34%, 4%, 17%
CMY	0.6586, 0.9648, 0.8273
CMYK	0.00, 0.90, 0.49, 0.66
HSL	333°, 81%, 19%
HSV	333°, 90%, 34%
XYZ	4.4879, 2.4055, 2.6135
YIQ	36.3120, 35.2530, 27.4210

Conversions

Conversions Part 2

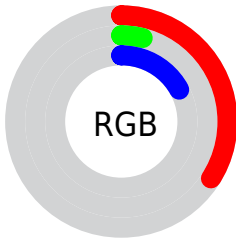
Format	Color
R_{YB}	87, 9, 44
Decimal	5703980
CIE Lab	17.49, 36.38, 0.04
CIE LCh	17, 36.384, 0.066
Yxy	2.4055, 0.4721, 0.2530
Android (android.graphics.Color)	4283894060 (0xFF57092C)
YUV	36.3120, 3.7902, 44.4534
Hunter-Lab	15.5097, 24.5090, 0.8661

Details

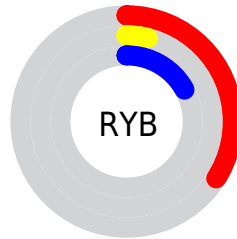
The YIQ color **36.3120, 35.2530, 27.4210** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **59.6880, -35.2530, -27.4210**, and the grayscale version is **36.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **88.6990, 38.4170, 25.1450**, and **11.7750, 22.9230, 8.5790** is the 20% darker color. If you saturate the color by 10%, you get **30.4590, 39.3330, 30.5730**, and if you desaturate by 10%, it is **42.1650, 31.1730, 24.2690**.

Distribution



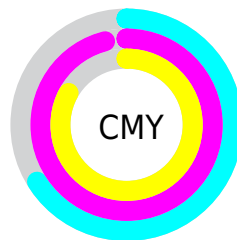
- Red (34%)
- Green (4%)
- Blue (17%)



- Red (34%)
- Yellow (4%)
- Blue (17%)



- Cyan (0%)
- Magenta (90%)
- Yellow (49%)
- Black (66%)





- Cyan (66%)
- Magenta (96%)
- Yellow (83%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 36.3120, 35.2530, 27.4210 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 36.3120, 35.2530, 27.4210 by changing the saturation by 10% instead.


 36.3120, 35.2530,
27.4210


 36.3120, 35.2530,
27.4210


 252.6520, 1.1000,
2.0920


 20.9750, 28.6520,
20.3960


 88.6990, 38.4170,
25.1450


 11.7750, 22.9230,
8.5790

 114.2970, 39.6090,
25.5690

 0.0000, 0.0000,
0.0000

 141.0800, 41.7180,
25.8940


 168.0910, 43.1850,
26.8410


 195.6890, 44.3770,
27.2650


 215.2030, 28.0100,


21.0180


 234.9450, 11.0010,
15.3930


 36.3120, 35.2530,
27.4210


 36.3120, 35.2530,
27.4210


 30.4590, 39.3330,
30.5730

 42.1650, 31.1730,
24.2690

 47.4310, 27.3680,
21.6400

 53.1700, 23.6090,
18.1770

 59.0230, 19.5290,
15.0250

 64.8760, 15.4490,
11.8730

■ 70.1420, 11.6440,
9.2440

■ 75.9950, 7.5640,
6.0920

■ 81.7340, 3.8050,
2.6290

■ 87.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



42.0200, 15.5840, 25.9520



36.3120, 35.2530, 27.4210



37.7450, 40.8030, 14.9390

Triad

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



36.3120, 35.2530, 27.4210



37.4340, 3.8090, -19.4790



40.5560, -42.5480, 0.1720

Complementary

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



36.3120, 35.2530, 27.4210



59.6880, -35.2530, -27.4210

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.



39.5640, -36.9990, -6.7830



36.3120, 35.2530, 27.4210



32.1200, -18.7940, -22.8420

Square

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



36.3120, 35.2530, 27.4210



40.8000, 20.6340, -10.5180



36.4860, -28.3320, -15.1800



37.9460, -43.4660, 5.7980

Rectangle

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



36.3120, 35.2530, 27.4210



38.8830, 39.9340, 3.1500



36.4860, -28.3320, -15.1800



40.5730, -41.2180, -1.9060

Sweetspot

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



36.3120, 35.2530, 27.4210



92.5660, 13.3860, 10.7140



30.7490, 0.5900, 33.3740



44.2940, 8.1600, 6.3040



184.0000, 0.0000, -0.0000



56.0000, -0.0000, 0.0000

Same Dimension

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



36.3120, 35.2530, 27.4210



39.1880, 50.7020, 39.2940



34.6700, 45.3880, 14.4440



40.4240, 1.7420, 1.4700



37.4650, 48.3640, 37.6120



82.2350, 106.3550, 82.4750

Inverse Universe

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



36.3120, 35.2530, 27.4210



39.1880, 50.7020, 39.2940



61.3300, -45.3880, -14.4440



40.4240, 1.7420, 1.4700



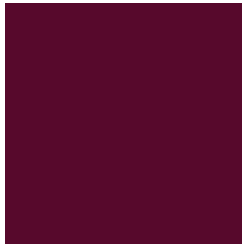
37.4650, 48.3640, 37.6120



82.2350, 106.3550, 82.4750

Previews

White Background



This preview shows how the YIQ color 36.3120, 35.2530, 27.4210 looks on a white background.

Color Contrast Check

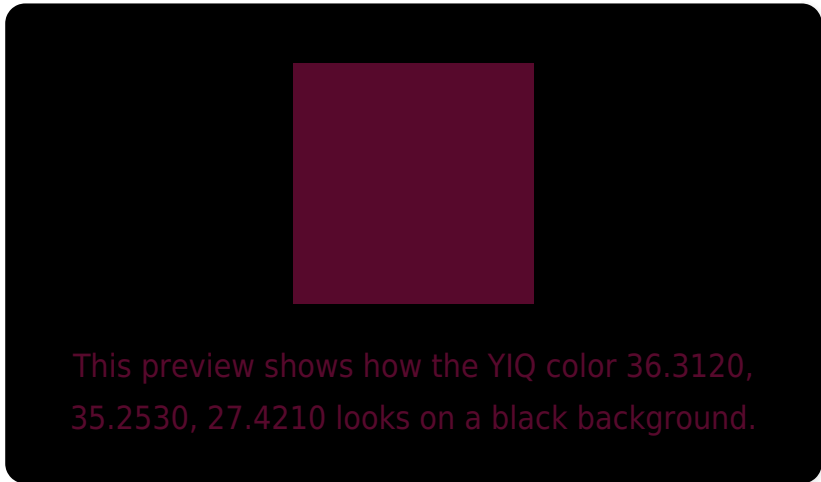
Large Text (above 18pt) WCAG AA ✓ Pass

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

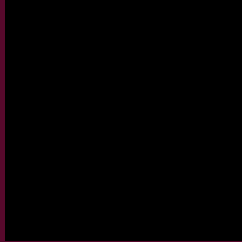
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 36.3120, 35.2530, 27.4210

Background



This preview shows how black text looks on a background with the YIQ color 36.3120, 35.2530, 27.4210.



This preview shows how white text looks on a background with the YIQ color 36.3120, 35.2530,

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

36.3120, 35.2530, 27.4210

Protanopia

45.8560, -8.1620, 4.7500

Deuteranopia

45.9360, 6.0520, 0.4520



Tritanopia

39.0330, 39.9320, 14.2040

Trichromacy



Original Color

36.3120, 35.2530, 27.4210

Protanomaly

42.5100, 7.7920, 12.9760

Deuteranomaly

42.3060, 17.0540, 10.3180

Tritanomaly

37.7110, 38.1430, 19.0950

Monochromacy



Original Color

36.3120, 35.2530, 27.4210

Achromatopsia

36.0000, -0.0000, 0.0000

Achromatomaly

36.1530, 13.1110, 10.1910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 36.3120, 35.2530, 27.4210 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(87, 9, 44)` looks like.

```
.text, #text, p{  
    color:rgb(87, 9, 44)  
}
```

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(87, 9, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 9, 44) }
```

Border

The CSS property to change the border of an element to YIQ 36.3120, 35.2530, 27.4210 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(87, 9, 44) }
```


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

```
.border{ border-color:rgb(87, 9, 44) }
```

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

Here you see how a box with a 4 pixel rgb(87, 9, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 9, 44); -webkit-box-shadow:4px  
4px 4px 4px rgb(87, 9, 44); box-shadow:4px  
4px 4px 4px rgb(87, 9, 44) }
```

Background

The CSS property to change the background color of an element to YIQ 36.3120, 35.2530, 27.4210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 9, 44) }
```

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

```
.background{ background-color: rgb(87, 9,  
44) }
```

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