

Converting Colors

YIQ(36.4140, 52.4010, 25.0170)

Have a look what the booklet for
YIQ(36.4140, 52.4010, 25.0170)
contains.

YIQ(36.4140, 52.4010, 25.0170)	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(36.4140, 52.4010,
25.0170)**

Conversions

Conversions Part 1

Format	Color
Hex	660615
RGB	102, 6, 21
RGB Percent	40%, 2%, 8%
CMY	0.5998, 0.9766, 0.9174
CMYK	0.00, 0.94, 0.79, 0.60
HSL	351°, 89%, 21%
HSV	351°, 94%, 40%
XYZ	5.6869, 3.0120, 0.9936
YIQ	36.4140, 52.4010, 25.0170

Conversions

Conversions Part 2

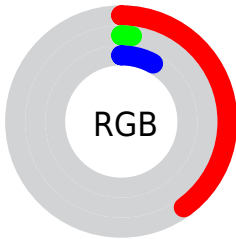
Format	Color
R_{YB}	102, 6, 21
Decimal	6686229
CIE Lab	20.09, 39.99, 20.43
CIE LCh	20, 44.910, 27.065
Yxy	3.0120, 0.5867, 0.3108
Android (android.graphics.Color)	4284876309 (0xFF660615)
YUV	36.4140, -7.5991, 57.5189
Hunter-Lab	17.3552, 28.1185, 8.7544

Details

The YIQ color **36.4140, 52.4010, 25.0170** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **71.5860, -52.4010, -25.0170**, and the grayscale version is **36.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **91.7040, 57.2160, 20.3520**, and **15.1780, 29.1580, 11.2220** is the 20% darker color. If you saturate the color by 10%, you get **32.3220, 55.6560, 26.6000**, and if you desaturate by 10%, it is **43.3100, 46.7620, 22.5860**.

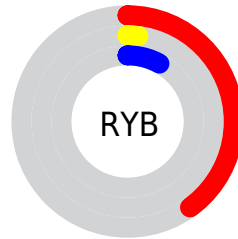
Distribution



Red (40%)

Green (2%)

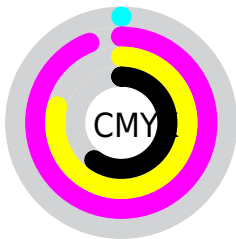
Blue (8%)



Red (40%)

Yellow (2%)

Blue (8%)

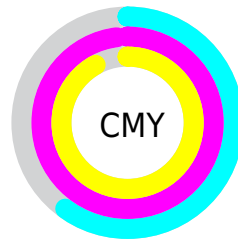


Cyan (0%)

Magenta (94%)

Yellow (79%)

Black (60%)



Cyan (60%)


Magenta (98%)


Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 36.4140, 52.4010, 25.0170 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 36.4140, 52.4010, 25.0170 by changing the saturation by 10% instead.


 36.4140, 52.4010,
25.0170


 36.4140, 52.4010,
25.0170

 253.3870, 3.1640,
-2.2760


 22.4250, 44.7000,
15.9000


 91.7040, 57.2160,
20.3520


 15.1780, 29.1580,
11.2220

 118.3730, 59.6460,
20.3660

 0.0000, 0.0000,
0.0000


 145.3410, 62.6720,
20.5920


 172.4230, 65.3770,
21.1290


 193.4430, 53.4570,
16.8890


 212.9570, 37.0900,


10.6420


 233.1720, 20.1270,
4.1830


 36.4140, 52.4010,
25.0170


 36.4140, 52.4010,
25.0170


 32.3220, 55.6560,
26.6000

 43.3100, 46.7620,
22.5860

 50.0920, 41.4440,
19.8440

 57.5750, 35.5300,
16.8900

 64.3570, 30.2120,
14.1480

 71.2530, 24.5730,
11.7170

■ 78.1490, 18.9340,
9.2860

■ 84.9310, 13.6160,
6.5440

■ 92.4140, 7.7020,
3.5900

■ 99.1960, 2.3840,
0.8480

Harmonies

Analogous

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



36.5400, 43.7790, 38.1070



36.4140, 52.4010, 25.0170



44.5090, 43.9230, 2.4430

Triad

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



36.4140, 52.4010, 25.0170



36.0180, -18.7470, -29.2030



44.8080, -51.7650, 7.5230

Complementary

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



36.4140, 52.4010, 25.0170



71.5860, -52.4010, -25.0170

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.



47.0760, -49.8840, 0.9640



36.4140, 52.4010, 25.0170



41.4100, -31.1740, -18.7420

Square

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



36.4140, 52.4010, 25.0170



41.8530, 3.9470, -21.9810



45.2860, -42.0880, -8.1680



46.2460, -26.2750, 19.1410

Rectangle

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



36.4140, 52.4010, 25.0170



46.1820, 31.3620, -6.7020



45.2860, -42.0880, -8.1680



46.3410, -51.9480, 5.3320

Sweetspot

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



36.4140, 52.4010, 25.0170



107.0460, 20.7220, 9.9220



40.8640, 16.8640, 46.8160



50.9200, 12.1490, 5.5970



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.



36.4140, 52.4010, 25.0170



42.1610, 72.5270, 34.7270



53.4880, 48.4160, 3.6160



47.6090, 2.6590, 1.3710



36.4370, 62.7620, 29.9780



76.6900, 132.0340, 63.1220

Inverse Universe

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



36.4140, 52.4010, 25.0170



42.1610, 72.5270, 34.7270



54.5120, -48.4160, -3.6160



47.6090, 2.6590, 1.3710



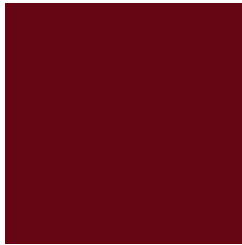
36.4370, 62.7620, 29.9780



76.6900, 132.0340, 63.1220

Previews

White Background



This preview shows how the YIQ color 36.4140, 52.4010, 25.0170 looks on a white background.

Color Contrast Check

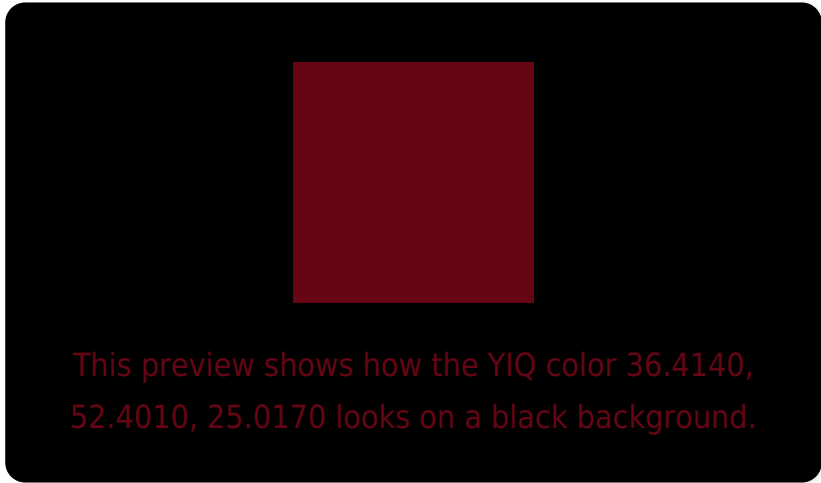
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.4140, 52.4010, 25.0170

Background



This preview shows how black text looks on a background with the YIQ color 36.4140, 52.4010, 25.0170.



This preview shows how white text looks on a background with the YIQ color 36.4140, 52.4010,

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

36.4140, 52.4010, 25.0170

Protanopia

51.2150, 9.4000, -5.1600

Deuteranopia

49.7940, 20.7710, -7.4930



Tritanopia

37.0520, 56.1160, 18.2600

Trichromacy



Original Color

36.4140, 52.4010, 25.0170

Protanomaly

45.5640, 24.8950, 5.8790

Deuteranomaly

44.6310, 31.9560, 4.5640

Tritanomaly

37.0350, 54.7860, 20.3380

Monochromacy



Original Color

36.4140, 52.4010, 25.0170

Achromatopsia

36.0000, -0.0000, 0.0000

Achromatomaly

36.1490, 18.9340, 9.2860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 36.4140, 52.4010, 25.0170 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(102, 6, 21)` looks like.

```
.text, #text, p{  
    color:rgb(102, 6, 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(102, 6, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 6, 21) }
```

Border

The CSS property to change the border of an element to YIQ 36.4140, 52.4010, 25.0170 is called "border". The border property can be set on classes, ids or directly on the HTML element.

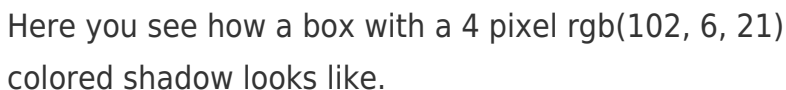
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(102, 6, 21) }
```


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

```
.border{ border-color:rgb(102, 6, 21) }
```

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



Here you see how a box with a 4 pixel `rgb(102, 6, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 6, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 6, 21);  
box-shadow:4px 4px 4px 4px rgb(102, 6, 21)  
}
```

Background

The CSS property to change the background color of an element to YIQ 36.4140, 52.4010, 25.0170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 6, 21) }
```

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

```
.background{ background-color: rgb(102, 6,  
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](#).

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