

Converting Colors

YIQ(36.3740, 31.5420, 12.0700)

Have a look what the booklet for
YIQ(36.3740, 31.5420, 12.0700)
contains.

YIQ(36.3740, 31.5420, 12.0700)	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(36.3740, 31.5420,
12.0700)**

Conversions

Conversions Part 1

Format	Color
Hex	4A1416
RGB	74, 20, 22
RGB Percent	29%, 8%, 9%
CMY	0.7097, 0.9216, 0.9136
CMYK	0.00, 0.73, 0.70, 0.71
HSL	358°, 57%, 18%
HSV	358°, 73%, 29%
XYZ	3.2215, 2.0147, 0.9797
YIQ	36.3740, 31.5420, 12.0700

Conversions

Conversions Part 2

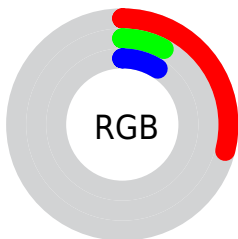
Format	Color
R_{YB}	74, 20, 22
Decimal	4854806
CIE Lab	15.56, 25.76, 12.82
CIE LCh	16, 28.773, 26.464
Yxy	2.0147, 0.5183, 0.3241
Android (android.graphics.Color)	4283044886 (0xFF4A1416)
YUV	36.3740, -7.0864, 32.9980
Hunter-Lab	14.1941, 15.6724, 5.8434

Details

The YIQ color **36.3740, 31.5420, 12.0700** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **57.6260, -31.5420, -12.0700**, and the grayscale version is **36.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **84.0110, 36.9980, 12.3100**, and **4.7840, 9.5360, 3.3920** is the 20% darker color. If you saturate the color by 10%, you get **31.4670, 35.7140, 13.5540**, and if you desaturate by 10%, it is **41.2810, 27.3700, 10.5860**.

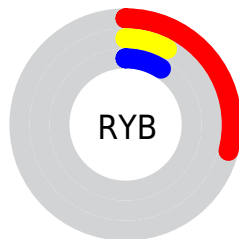
Distribution



Red (29%)

Green (8%)

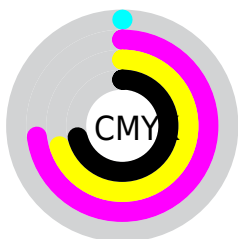
Blue (9%)



Red (29%)

Yellow (8%)

Blue (9%)

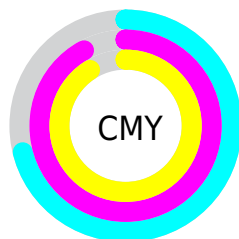


Cyan (0%)

Magenta (73%)

Yellow (70%)

Black (71%)



Cyan (71%)

Magenta (92%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 36.3740, 31.5420, 12.0700 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 36.3740, 31.5420, 12.0700 by changing the saturation by 10% instead.

■ 36.3740, 31.5420,
12.0700

■ 36.3740, 31.5420,
12.0700

■ 252.9140, 3.1180,
-1.4420

■ 14.9500, 29.8000,
10.6000

■ 84.0110, 36.9980,
12.3100

■ 4.7840, 9.5360,
3.3920

■ 108.9080, 38.7860,
12.9460

■ 0.0000, 0.0000,
0.0000

■ 134.6910, 40.8950,
13.2710

■ 161.2890, 42.0870,
13.6950

■ 189.0720, 44.1960,
14.0200

■ 213.0710, 36.7690,

10.9530

■ 232.6990, 20.0810,
5.0170

■ 36.3740, 31.5420,
12.0700

■ 36.3740, 31.5420,
12.0700

■ 31.4670, 35.7140,
13.5540

■ 41.2810, 27.3700,
10.5860

■ 25.9730, 40.1610,
15.5610

■ 46.7750, 22.9230,
8.5790

■ 22.4680, 43.1410,
16.6210

■ 51.6820, 18.7510,
7.0950

■ 57.2900, 13.9830,
5.3990

■ 62.1970, 9.8110,
3.9150

■ 67.1040, 5.6390,
2.4310

■ 72.5980, 1.1920,
0.4240

■ 77.5050, -2.9800,
-1.0600

■ 82.9990, -7.4270,
-3.0670

Harmonies

Analogous

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



37.1810, 25.0760, 19.1240



36.3740, 31.5420, 12.0700



36.7570, 31.3610, -1.1750

Triad

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



36.3740, 31.5420, 12.0700



28.5980, -17.1440, -19.7040



33.7740, -37.2300, 2.9140

Complementary

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



36.3740, 31.5420, 12.0700



57.6260, -31.5420, -12.0700

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.



35.3240, -36.0830, -1.3550



36.3740, 31.5420, 12.0700



32.2800, -24.7560, -13.9080

Square

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



36.3740, 31.5420, 12.0700



34.8090, 7.2470, -15.7050



34.5600, -31.1760, -7.6880



38.4890, -14.0780, 12.8500

Rectangle

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



36.3740, 31.5420, 12.0700



37.0010, 24.6220, -5.6980



34.5600, -31.1760, -7.6880



34.8340, -37.4590, 1.5570

Sweetspot

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



36.3740, 31.5420, 12.0700



82.2790, 12.5160, 4.4520



41.4050, 13.0620, 27.6060



39.5880, 7.1520, 2.5440



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.



36.3740, 31.5420, 12.0700



37.7570, 49.6970, 18.9530



50.2340, 25.5840, -1.1040



35.3100, 2.0630, 1.1590



30.9540, 59.5080, 22.8680



69.7960, 134.1910, 51.5590

Inverse Universe

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



36.3740, 31.5420, 12.0700



37.7570, 49.6970, 18.9530



43.7660, -25.5840, 1.1040



35.3100, 2.0630, 1.1590



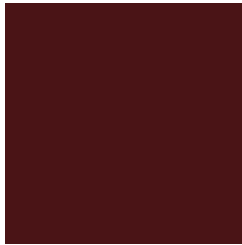
30.9540, 59.5080, 22.8680



69.7960, 134.1910, 51.5590

Previews

White Background



This preview shows how the YIQ color 36.3740, 31.5420, 12.0700 looks on a white background.

Color Contrast Check

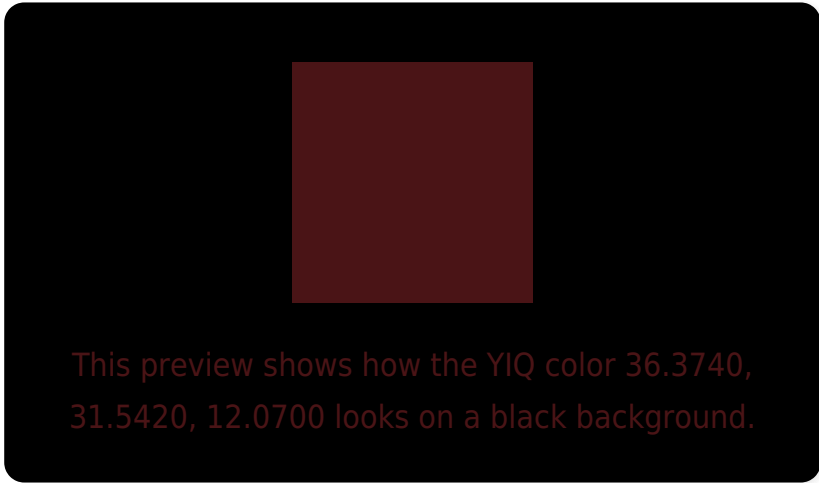
Large Text (above 18pt) WCAG AA ✓ Pass

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

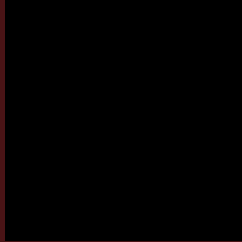
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 36.3740, 31.5420, 12.0700

Background



This preview shows how black text looks on a background with the YIQ color 36.3740, 31.5420, 12.0700.

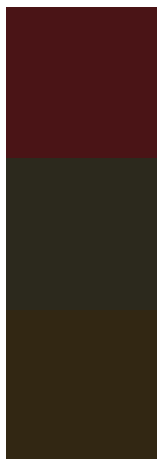


This preview shows how white text looks on a background with the YIQ color 36.3740, 31.5420,

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

36.3740, 31.5420, 12.0700

Protanopia

40.5290, 5.6400, -3.0960

Deuteranopia

40.0090, 12.9760, -3.8880



Tritanopia

36.2600, 31.8630, 11.7590

Trichromacy



Original Color

36.3740, 31.5420, 12.0700

Protanomaly

38.7800, 15.3590, 2.4870

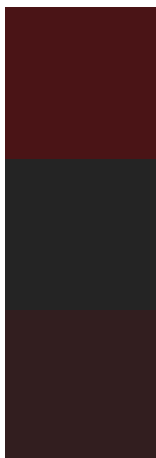
Deuteranomaly

38.7050, 19.9440, 1.9920

Tritanomaly

36.2600, 31.8630, 11.7590

Monochromacy



Original Color

36.3740, 31.5420, 12.0700

Achromatopsia

36.0000, -0.0000, 0.0000

Achromatomaly

36.0940, 11.5990, 4.5510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 36.3740, 31.5420, 12.0700 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(74, 20, 22)` looks like.

```
.text, #text, p{  
    color:rgb(74, 20, 22)  
}
```

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(74, 20, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 20, 22) }
```

Border

The CSS property to change the border of an element to YIQ 36.3740, 31.5420, 12.0700 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(74, 20, 22) }
```


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

```
.border{ border-color:rgb(74, 20, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 20, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 20, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 20, 22);  
box-shadow:4px 4px 4px 4px rgb(74, 20, 22)  
}
```

Background

The CSS property to change the background color of an element to YIQ 36.3740, 31.5420, 12.0700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 20, 22) }
```

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

```
.background{ background-color: rgb(74, 20,  
22) }
```

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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