

Converting Colors

YIQ(73.7710, 127.3120, 60.5920)

Have a look what the booklet for
YIQ(73.7710, 127.3120, 60.5920)
contains.

YIQ(73.7710, 127.3120, 60.5920)	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(73.7710, 127.3120,
60.5920)**

Conversions

Conversions Part 1

Format	Color
Hex	E90024
RGB	233, 0, 36
RGB Percent	91%, 0%, 14%
CMY	0.0857, 0.9998, 0.8583
CMYK	0.00, 1.00, 0.85, 0.09
HSL	351°, 100%, 46%
HSV	351°, 100%, 91%
XYZ	33.9726, 17.4765, 3.2616
YIQ	73.7710, 127.3120, 60.5920

Conversions

Conversions Part 2

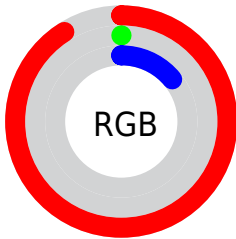
Format	Color
R_{YB}	233, 0, 36
Decimal	15269924
CIE _{Lab}	48.85, 75.29, 49.71
CIE _{LCh}	49, 90.221, 33.431
Yxy	17.4765, 0.6209, 0.3194
Android (android.graphics.Color)	4293460004 (0xFFE90024)
YUV	73.7710, -18.6211, 139.6438
Hunter-Lab	41.8049, 71.8987, 24.6377

Details

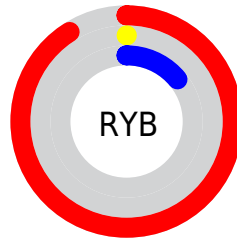
The YIQ color **73.7710, 127.3120, 60.5920** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **159.2290, -127.3120, -60.5920**, and the grayscale version is **74.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **139.7110, 100.0370, 31.7570**, and **49.9330, 99.5320, 35.4040** is the 20% darker color. If you saturate the color by 10%, you get **73.7710, 127.3120, 60.5920**, and if you desaturate by 10%, it is **89.5520, 114.5670, 54.7830**.

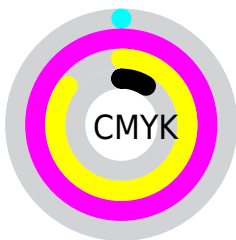
Distribution



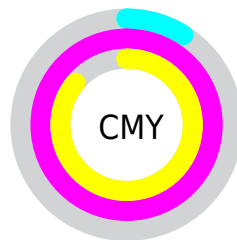
- Red (91%)
- Green (0%)
- Blue (14%)



- Red (91%)
- Yellow (0%)
- Blue (14%)



- Cyan (0%)
- Magenta (100%)
- Yellow (85%)
- Black (9%)





- Cyan (9%)
- Magenta (100%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 73.7710, 127.3120, 60.5920 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 73.7710, 127.3120, 60.5920 by changing the saturation by 10% instead.


 73.7710, 127.3120,
60.5920


 73.7710, 127.3120,
60.5920


255.0000, -0.0000,
-0.0000


 61.3960, 114.7060,
46.7540


 139.7110,
100.0370, 31.7570


 49.9330, 99.5320,
35.4040


 160.7580, 83.4870,
23.3190


 40.3650, 80.4600,
28.6200


 181.2180, 67.2120,
15.4040

 31.0250, 60.7460,
22.4580

 201.9060, 50.2950,
8.1110

 22.2830, 42.2240,
16.7200

 222.5940, 33.3780,
0.8180

 12.0740, 23.5190,
8.7910

 243.3960, 16.1400,

 0.0000, 0.0000,

-6.1640

0.0000

■ 253.6320, 3.8520,
-3.7320

■ 73.7710, 127.3120,
60.5920

■ 89.5520, 114.5670,
54.7830

■ 105.9200,
101.5470, 48.4510

■ 121.5870, 89.1230,
42.3310

■ 137.3680, 76.3780,
36.5220

■ 153.7360, 63.3580,
30.1900

■ 169.4030, 50.9340,
24.0700

■ 185.1840, 38.1890,
18.2610

■ 201.5520, 25.1690,
11.9290

■ 217.2190, 12.7450,
5.8090

Harmonies

Analogous

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



85.3110, 109.1970, 86.0370



73.7710, 127.3120, 60.5920



106.7270, 92.7990, -2.2810

Triad

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



73.7710, 127.3120, 60.5920



87.8000, -51.5690, -62.1370



102.4450, -116.2300, 13.9300

Complementary

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



73.7710, 127.3120, 60.5920



159.2290, -127.3120, -60.5920

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.



111.8370, -120.6300, 5.5620



73.7710, 127.3120, 60.5920



99.7240, -79.6330, -38.1050

Square

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



73.7710, 127.3120, 60.5920



92.4120, -9.4340, -60.3300



108.3880, -104.0290, -14.4690



114.6610, -36.3680, 53.3920

Rectangle

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



73.7710, 127.3120, 60.5920



109.4530, 63.5510, -22.8890



108.3880, -104.0290, -14.4690



106.5540, -118.1550, 10.2690

Sweetspot

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



73.7710, 127.3120, 60.5920



202.9780, 41.7650, 19.5330



84.5680, 40.8310, 113.5910



96.5520, 25.1690, 11.9290



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



73.7710, 127.3120, 60.5920



80.6910, 139.4610, 66.1890



115.4530, 117.4180, 8.6020



109.4030, 6.2350, 2.6430



57.3110, 98.8880, 47.0800



17.0580, 29.6160, 13.9360

Inverse Universe

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



73.7710, 127.3120, 60.5920



80.6910, 139.4610, 66.1890



117.5470, -117.4180, -8.6020



109.4030, 6.2350, 2.6430



57.3110, 98.8880, 47.0800



17.0580, 29.6160, 13.9360

Previews

White Background



This preview shows how the YIQ color 73.7710, 127.3120, 60.5920 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 × Fail

Black Background



This preview shows how the YIQ color 73.7710, 127.3120, 60.5920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 73.7710, 127.3120, 60.5920

Background



This preview shows how black text looks on a background with the YIQ color 73.7710, 127.3120, 60.5920.



This preview shows how white text looks on a background with the YIQ color 73.7710, 127.3120,

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

73.7710, 127.3120, 60.5920

Protanopia

114.8620, 26.0910, -15.8050

Deuteranopia

110.2950, 58.0040, -26.9880



Tritanopia

81.6950, 132.4970, 38.2010

Trichromacy



Original Color

73.7710, 127.3120, 60.5920

Protanomaly

100.0710, 63.1320, 12.2520

Deuteranomaly

96.9790, 83.5820, 5.0700

Tritanomaly

78.4810, 130.5240, 46.4280

Monochromacy



Original Color

73.7710, 127.3120, 60.5920

Achromatopsia

74.0000, -0.0000, 0.0000

Achromatomaly

73.8970, 46.4870, 22.0630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 73.7710, 127.3120, 60.5920 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(233, 0, 36)` looks like.

```
.text, #text, p{  
    color:rgb(233, 0, 36)  
}
```

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(233, 0, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 0, 36) }
```

Border

The CSS property to change the border of an element to YIQ 73.7710, 127.3120, 60.5920 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(233, 0, 36) }
```


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

```
.border{ border-color:rgb(233, 0, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 0, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 0, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 0, 36);  
box-shadow:4px 4px 4px 4px rgb(233, 0, 36)  
}
```

Background

The CSS property to change the background color of an element to YIQ 73.7710, 127.3120, 60.5920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 0, 36) }
```

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

```
.background{ background-color: rgb(233, 0,  
36) }
```

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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