

Converting Colors

YIQ(73.4790, 124.8380, 50.3580)

Have a look what the booklet for
YIQ(73.4790, 124.8380, 50.3580)
contains.

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Color

**YIQ(73.4790, 124.8380,
50.3580)**

Conversions

Conversions Part 1

Format	Color
Hex	E00715
RGB	224, 7, 21
RGB Percent	88%, 3%, 8%
CMY	0.1210, 0.9727, 0.9172
CMYK	0.00, 0.97, 0.91, 0.12
HSL	356°, 94%, 45%
HSV	356°, 97%, 88%
XYZ	30.9935, 16.0733, 2.1844
YIQ	73.4790, 124.8380, 50.3580

Conversions

Conversions Part 2

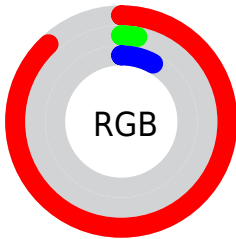
Format	Color
RYB	224, 7, 21
Decimal	14681877
CIELab	47.07, 72.29, 54.40
CIELCh	47, 90.474, 36.960
Yxy	16.0733, 0.6293, 0.3264
Android (android.graphics.Color)	4292871957 (0xFFE00715)
YUV	73.4790, -25.8721, 132.0069
Hunter-Lab	40.0915, 67.8327, 24.8336

Details

The YIQ color **73.4790, 124.8380, 50.3580** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **157.5210, -124.8380, -50.3580**, and the grayscale version is **74.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **137.5280, 104.8060, 27.9260**, and **47.2420, 94.1680, 33.4960** is the 20% darker color. If you saturate the color by 10%, you get **68.6860, 128.6890, 52.1530**, and if you desaturate by 10%, it is **88.7870, 112.0470, 45.3830**.

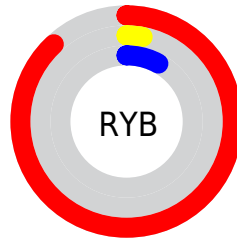
Distribution



Red (88%)

Green (3%)

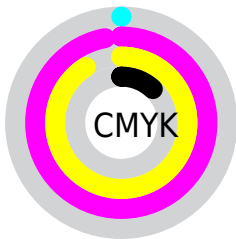
Blue (8%)



Red (88%)

Yellow (3%)

Blue (8%)

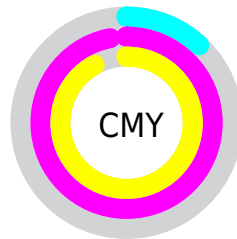


Cyan (0%)

Magenta (97%)

Yellow (91%)

Black (12%)



Cyan (12%)


Magenta (97%)


Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 73.4790, 124.8380, 50.3580 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 73.4790, 124.8380, 50.3580 by changing the saturation by 10% instead.


 73.4790, 124.8380,
50.3580

 73.4790, 124.8380,
50.3580


255.0000, -0.0000,
-0.0000


 57.1090, 113.8360,
40.4920


 137.5280,
104.8060, 27.9260


 47.2420, 94.1680,
33.4960


 158.5750, 88.2560,
19.4880


 37.6740, 75.0960,
26.7120


 178.4480, 72.2560,
12.0960

 28.3340, 55.3820,
20.5500

 199.0220, 55.6600,
4.4920

 19.7770, 37.7770,
14.7130

 219.7100, 38.7430,
-2.8010


 9.0840, 17.5590,
6.6710


 240.5120, 21.5050,


 0.0000, 0.0000,


-9.7830


0.0000

 251.9220, 8.6670,
-8.3970


 73.4790, 124.8380,
50.3580

 73.4790, 124.8380,
50.3580


 68.6860, 128.6890,
52.1530

 88.7870, 112.0470,
45.3830

 104.6820, 98.9810,
39.8850

 119.9900, 86.1900,
34.9100

 135.8850, 73.1240,
29.4120

 151.1930, 60.3330,
24.4370

■ 166.5010, 47.5420,
19.4620

■ 182.3960, 34.4760,
13.9640

■ 197.7040, 21.6850,
8.9890

■ 213.5990, 8.6190,
3.4910

Harmonies

Analogous

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



82.3340, 110.3900, 80.9340



73.4790, 124.8380, 50.3580



103.7260, 85.3720, -5.3480

Triad

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



73.4790, 124.8380, 50.3580



86.2500, -52.7160, -57.8680



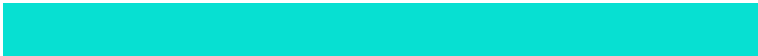
97.7490, -114.0300, 18.1140

Complementary

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



73.4790, 124.8380, 50.3580



157.5210, -124.8380, -50.3580

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.



108.2010, -118.6590, 8.3890



73.4790, 124.8380, 50.3580



97.3590, -79.8630, -33.9350

Square

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



73.4790, 124.8380, 50.3580



80.1860, -29.4690, -66.1810



105.9090, -103.9380, -10.6100



110.6520, -22.9810, 58.5790

Rectangle

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



73.4790, 124.8380, 50.3580



104.9790, 56.0780, -25.1220



105.9090, -103.9380, -10.6100



102.4450, -116.2300, 13.9300

Sweetspot

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



73.4790, 124.8380, 50.3580



203.6960, 42.4990, 17.2430



92.4350, 51.3310, 110.5230



96.7970, 25.8570, 10.4730



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.



73.4790, 124.8380, 50.3580



78.1830, 146.5230, 59.3470



127.0610, 103.4820, -3.1580



104.4030, 6.2350, 2.6430



53.8780, 101.3650, 40.7330



14.6940, 27.6450, 11.1090

Inverse Universe

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



73.4790, 124.8380, 50.3580



78.1830, 146.5230, 59.3470



103.9390, -103.4820, 3.1580



104.4030, 6.2350, 2.6430



53.8780, 101.3650, 40.7330



14.6940, 27.6450, 11.1090

Previews

White Background



This preview shows how the YIQ color 73.4790, 124.8380, 50.3580 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 73.4790, 124.8380, 50.3580 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 73.4790, 124.8380, 50.3580

Background



This preview shows how black text looks on a background with the YIQ color 73.4790, 124.8380, 50.3580.



This preview shows how white text looks on a background with the YIQ color 73.4790, 124.8380,

50.3580.

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

73.4790, 124.8380, 50.3580

Protanopia

108.9780, 31.4560, -19.4240

Deuteranopia

106.1530, 55.5280, -26.1680



Tritanopia

78.4170, 127.4080, 36.8160

Trichromacy



Original Color

73.4790, 124.8380, 50.3580

Protanomaly

95.7520, 65.2880, 6.2160

Deuteranomaly

94.3160, 81.0150, 2.0310

Tritanomaly

76.3940, 126.2150, 41.9190

Monochromacy



Original Color

73.4790, 124.8380, 50.3580

Achromatopsia

73.0000, -0.0000, -0.0000

Achromatomaly

73.1910, 45.4790, 18.3030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 73.4790, 124.8380, 50.3580 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(224, 7, 21)` looks like.

```
.text, #text, p{  
    color:rgb(224, 7, 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(224, 7, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 7, 21) }
```

Border

The CSS property to change the border of an element to YIQ 73.4790, 124.8380, 50.3580 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(224, 7, 21) }
```


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

```
.border{ border-color:rgb(224, 7, 21) }
```

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

Here you see how a box with a 4 pixel rgb(224, 7, 21) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 7, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 7, 21);  
box-shadow:4px 4px 4px 4px rgb(224, 7, 21)  
}
```

Background

The CSS property to change the background color of an element to YIQ 73.4790, 124.8380, 50.3580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 7, 21) }
```

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

```
.background{ background-color: rgb(224, 7,  
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](#).

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