

# Converting Colors

YIQ(79.2750, 124.9320, 37.6360)

Have a look what the booklet for  
YIQ(79.2750, 124.9320, 37.6360)  
contains.

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# Color

**YIQ(79.2750, 124.9320,  
37.6360)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DE1505
RGB	222, 21, 5
RGB Percent	87%, 8%, 2%
CMY	0.1289, 0.9179, 0.9799
CMYK	0.00, 0.91, 0.98, 0.13
HSL	4°, 95%, 45%
HSV	4°, 98%, 87%
XYZ	30.4555, 16.0929, 1.6484
YIQ	79.2750, 124.9320, 37.6360

# Conversions

## Conversions Part 2

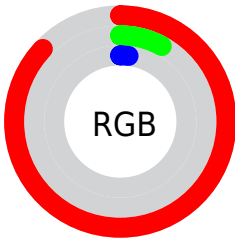
Format	Color
<a href="#">RYB</a>	<a href="#">222, 22, 5</a>
Decimal	<a href="#">14554373</a>
CIELab	<a href="#">47.10, 70.18, 59.31</a>
CIELCh	<a href="#">47, 91.886, 40.202</a>
Yxy	<a href="#">16.0929, 0.6319, 0.3339</a>
Android (android.graphics.Color)	<a href="#">4292744453</a> ( <a href="#">0xFFDE1505</a> )
YUV	<a href="#">79.2750, -36.6176, 125.1698</a>
Hunter-Lab	<a href="#">40.1160, 65.3118, 25.6450</a>

# Details

The YIQ color **79.2750, 124.9320, 37.6360** 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 **147.7250, -124.9320, -37.6360**, and the grayscale version is **80.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **138.7360, 106.9160, 22.7240**, and **46.6440, 92.9760, 33.0720** is the 20% darker color. If you saturate the color by 10%, you get **75.7700, 127.9120, 38.6960**, and if you desaturate by 10%, it is **94.1100, 112.0950, 33.4950**.

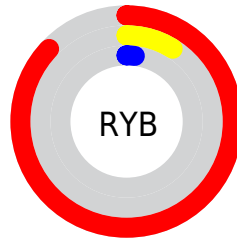
# Distribution



Red (87%)

Green (8%)

Blue (2%)



Red (87%)

Yellow (9%)

Blue (2%)

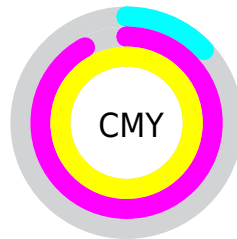


Cyan (0%)

Magenta (91%)

Yellow (98%)

Black (13%)



Cyan (13%)

Magenta (92%)


Yellow (98%)


# Brightness & Saturation Gradients


These gradients show how the YIQ color 79.2750, 124.9320, 37.6360 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 79.2750, 124.9320, 37.6360 by changing the saturation by 10% instead.





 79.2750, 124.9320,  
37.6360


 79.2750, 124.9320,  
37.6360


 254.0880, 2.5680,  
-2.4880


 56.5110, 112.6440,  
40.0680


 138.7360,  
106.9160, 22.7240


 46.6440, 92.9760,  
33.0720


 159.1960, 90.6410,  
14.8090

 37.0760, 73.9040,  
26.2880


 179.0690, 74.6410,  
7.4170

 28.0350, 54.7860,  
20.3380

 199.0560, 58.3200,  
0.3360

 19.1790, 36.5850,  
14.2890

 219.7440, 41.4030,  
-6.9570


 8.4860, 16.3670,  
6.2470


 240.5460, 24.1650,


 0.0000, 0.0000,


-13.9390


0.0000


 250.7820, 11.8770,  
-11.5070


 79.2750, 124.9320,  
37.6360


 79.2750, 124.9320,  
37.6360

 75.7700, 127.9120,  
38.6960

 94.1100, 112.0950,  
33.4950

 108.4720, 99.2120,  
30.1880

 123.3070, 86.3750,  
26.0470

 137.5550, 73.8130,  
22.4290

 152.3900, 60.9760,  
18.2880

■ 167.2250, 48.1390,  
14.1470

■ 181.5870, 35.2560,  
10.8400

■ 196.4220, 22.4190,  
6.6990

■ 210.6700, 9.8570,  
3.0810

# Harmonies

## Analogous

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



82.0200, 114.1500, 78.8700



79.2750, 124.9320, 37.6360



104.5790, 81.2920, -8.5000

# Triad

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



79.2750, 124.9320, 37.6360



87.7490, -55.5590, -55.9030



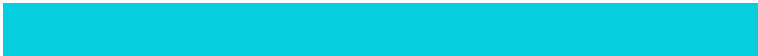
96.5750, -113.4800, 19.1600

# Complementary

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



79.2750, 124.9320, 37.6360



147.7250, -124.9320, -37.6360

# 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.



108.3150, -118.9800, 8.7000



79.2750, 124.9320, 37.6360



98.9720, -83.0270, -31.6590

# Square

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



79.2750, 124.9320, 37.6360



77.4840, -36.3000, -69.0360



106.8210, -106.5060, -8.1220



110.8600, -11.7030, 63.4410



# Rectangle

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



79.2750, 124.9320, 37.6360



104.6470, 51.0810, -28.1750



106.8210, -106.5060, -8.1220



101.2710, -115.6800, 14.9760

# Sweetspot

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



79.2750, 124.9320, 37.6360



206.0610, 42.7290, 13.0730



93.0250, 64.1690, 109.1370



98.2160, 25.9950, 7.9710



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.



79.2750, 124.9320, 37.6360



87.3980, 146.7550, 44.1230



142.0840, 95.5070, -18.3250



104.8760, 6.2810, 1.8090



60.2550, 101.3210, 30.5130



16.7000, 27.5080, 8.0840



# Inverse Universe

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



147.7250, -124.9320, -37.6360



167.6020, -146.7550, -44.1230



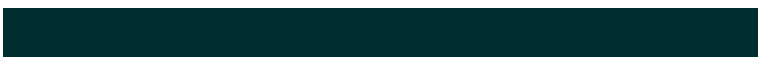
84.9160, -95.5070, 18.3250



108.1240, -6.2810, -1.8090



115.7450, -101.3210, -30.5130



31.8870, -27.7830, -8.6070



# Previews

## White Background



This preview shows how the YIQ color 79.2750, 124.9320, 37.6360 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 79.2750, 124.9320, 37.6360 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 79.2750, 124.9320, 37.6360

## Background



This preview shows how black text looks on a background with the YIQ color 79.2750, 124.9320, 37.6360.



This preview shows how white text looks on a background with the YIQ color 79.2750, 124.9320,



# 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

79.2750, 124.9320, 37.6360

### Protanopia

107.6100, 35.3080, -23.1560

### Deuteranopia

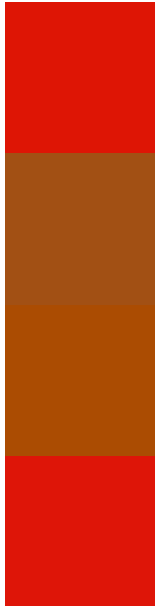
105.2670, 55.2070, -25.8570



## Tritanopia

79.7310, 123.6480, 38.8800

# Trichromacy



## Original Color

79.2750, 124.9320, 37.6360

## Protanomaly

97.6780, 68.1320, -1.2760

## Deuteranomaly

95.9690, 80.3740, -2.8740

## Tritanomaly

79.6170, 123.9690, 38.5690

# Monochromacy



## Original Color

79.2750, 124.9320, 37.6360

## Achromatopsia

79.0000, -0.0000, 0.0000

## Achromatomaly

79.1430, 45.4340, 13.6100

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 79.2750, 124.9320, 37.6360 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(222, 21, 5)` looks like.

```
.text, #text, p{  
    color:rgb(222, 21, 5)  
}
```

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(222, 21, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 21, 5) }
```

## Border

The CSS property to change the border of an element to YIQ 79.2750, 124.9320, 37.6360 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(222, 21, 5) }
```



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

```
.border{ border-color:rgb(222, 21, 5) }
```

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

Here you see how a box with a 4 pixel rgb(222, 21, 5) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 21, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 21, 5);  
box-shadow:4px 4px 4px 4px rgb(222, 21, 5)  
}
```

# Background

The CSS property to change the background color of an element to YIQ 79.2750, 124.9320, 37.6360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 21, 5) }
```

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

```
.background{ background-color: rgb(222, 21,  
5) }
```

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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