

# Converting Colors

YIQ(94.7500, 139.8320, 42.9360)

Have a look what the booklet for  
YIQ(94.7500, 139.8320, 42.9360)  
contains.

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# Color

**YIQ(94.7500, 139.8320,  
42.9360)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF1D0D
RGB	255, 29, 13
RGB Percent	100%, 11%, 5%
CMY	0.0000, 0.8865, 0.9484
CMYK	0.00, 0.89, 0.95, 0.00
HSL	4°, 100%, 53%
HSV	4°, 95%, 100%
XYZ	41.7506, 22.1635, 2.4632
YIQ	94.7500, 139.8320, 42.9360

# Conversions

## Conversions Part 2

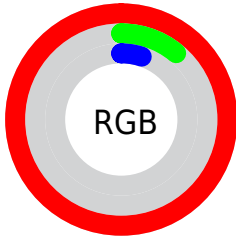
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">255, 30, 13</a>
Decimal	<a href="#">16719117</a>
CIELab	<a href="#">54.20, 77.50, 64.47</a>
CIElCh	<a href="#">54, 100.807, 39.758</a>
Yxy	<a href="#">22.1635, 0.6290, 0.3339</a>
Android (android.graphics.Color)	<a href="#">4294909197 (0xFFFF1D0D)</a>
YUV	<a href="#">94.7500, -40.3027, 140.5393</a>
Hunter-Lab	<a href="#">47.0781, 75.9136, 29.8526</a>

# Details

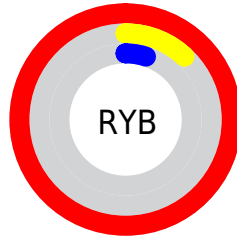
The YIQ color **94.7500, 139.8320, 42.9360** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark saturated red. A complement of this color would be **173.2500, -139.8320, -42.9360**, and the grayscale version is **95.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **144.9310, 101.8730, 20.5050**, and **56.2120, 112.0480, 39.8560** is the 20% darker color. If you saturate the color by 10%, you get **86.2240, 147.3050, 45.1690**, and if you desaturate by 10%, it is **111.8020, 124.8860, 38.4700**.

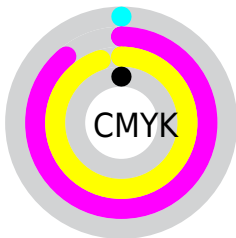
# Distribution



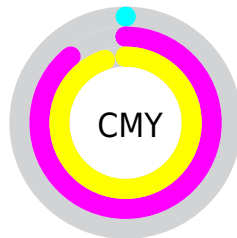
- Red (100%)
- Green (11%)
- Blue (5%)



- Red (100%)
- Yellow (12%)
- Blue (5%)



- Cyan (0%)
- Magenta (89%)
- Yellow (95%)
- Black (0%)




- Cyan (0%)
- Magenta (89%)
- Yellow (95%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 94.7500, 139.8320, 42.9360 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 94.7500, 139.8320, 42.9360 by changing the saturation by 10% instead.





 94.7500, 139.8320,  
42.9360


 94.7500, 139.8320,  
42.9360


255.0000, -0.0000,  
-0.0000


 66.0790, 131.7160,  
46.8520


 144.9310,  
101.8730, 20.5050


 56.2120, 112.0480,  
39.8560


 165.9780, 85.3230,  
12.0670


 46.0460, 91.7840,  
32.6480


 186.5520, 68.7270,  
4.4630

 36.5920, 72.3910,  
26.1750

 207.2400, 51.8100,  
-2.8300

 27.2520, 52.6770,  
20.0130

 227.9280, 34.8930,  
-10.1230


 17.9830, 34.2010,  
13.4410

 248.7300, 17.6550,


 6.2790, 12.5160,


-17.1050


4.4520


 251.9220, 8.6670,  
-8.3970


 0.0000, 0.0000,  
0.0000


 94.7500, 139.8320,  
42.9360


 94.7500, 139.8320,  
42.9360


 86.2240, 147.3050,  
45.1690

 111.8020,  
124.8860, 38.4700

 128.7400,  
110.2610, 33.6930

 145.2050, 95.5900,  
29.7500

 162.1430, 80.9650,  
24.9730

 179.1950, 66.0190,  
20.5070

196.1330, 51.3940,  
15.7300

213.1850, 36.4480,  
11.2640

230.1230, 21.8230,  
6.4870

246.5880, 7.1520,  
2.5440

# Harmonies

## Analogous

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



88.3290, 117.9540, 87.0260



94.7500, 139.8320, 42.9360



120.8700, 93.5340, -10.0980

# Triad

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



94.7500, 139.8320, 42.9360



101.2160, -64.5440, -63.7760



107.1410, -118.4300, 9.7460

# Complementary

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



94.7500, 139.8320, 42.9360



173.2500, -139.8320, -42.9360

# 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.



120.6420, -124.7550, -2.2830



94.7500, 139.8320, 42.9360



114.1660, -95.4970, -36.9450

# Square

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



94.7500, 139.8320, 42.9360



89.8110, -42.0750, -80.0190



123.1550, -122.1860, -10.2980



127.6800, -11.0160, 67.5120



# Rectangle

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



94.7500, 139.8320, 42.9360



122.0900, 59.8390, -32.7130



123.1550, -122.1860, -10.2980



113.0110, -121.1800, 4.5160

# Sweetspot

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



94.7500, 139.8320, 42.9360



207.5770, 41.2160, 12.9600



111.5780, 70.4020, 122.8340



98.9170, 25.3990, 7.7590



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.



94.7500, 139.8320, 42.9360



86.2240, 147.3050, 45.1690



163.4290, 107.6570, -18.2550



119.4740, 7.4730, 2.2330



64.1530, 110.5360, 34.2160



21.4840, 37.0440, 11.4760



# Inverse Universe

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



173.2500, -139.8320, -42.9360



168.7760, -147.3050, -45.1690



104.5710, -107.6570, 18.2550



123.5260, -7.4730, -2.2330



126.8470, -110.5360, -34.2160



42.5160, -37.0440, -11.4760



# Previews

## White Background



This preview shows how the YIQ color 94.7500, 139.8320, 42.9360 looks on a white 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



# Black Background



This preview shows how the YIQ color 94.7500, 139.8320, 42.9360 looks on a black 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

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

# YIQ 94.7500, 139.8320, 42.9360

## Background



This preview shows how black text looks on a background with the YIQ color 94.7500, 139.8320, 42.9360.



This preview shows how white text looks on a background with the YIQ color 94.7500, 139.8320,

42.9360.

# 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

94.7500, 139.8320, 42.9360

### Protanopia

124.0680, 39.7100, -25.8420

### Deuteranopia

121.8240, 63.6440, -30.0840



## Tritanopia

95.6620, 137.2640, 45.4240

# Trichromacy



## Original Color

94.7500, 139.8320, 42.9360

## Protanomaly

113.3970, 76.2930, -0.4990

## Deuteranomaly

111.7160, 91.3320, -3.2280

## Tritanomaly

95.3200, 138.2270, 44.4910

# Monochromacy



## Original Color

94.7500, 139.8320, 42.9360

## Achromatopsia

95.0000, -0.0000, -0.0000

## Achromatomaly

94.8340, 50.7980, 15.5180

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 94.7500, 139.8320, 42.9360 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(255, 29, 13)` looks like.

```
.text, #text, p{  
    color:rgb(255, 29, 13)  
}
```

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(255, 29, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 29, 13) }
```

## Border

The CSS property to change the border of an element to YIQ 94.7500, 139.8320, 42.9360 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(255, 29, 13) }
```



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

```
.border{ border-color:rgb(255, 29, 13) }
```

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

Here you see how a box with a 4 pixel rgb(255, 29, 13) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 29, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 29, 13);  
box-shadow:4px 4px 4px 4px rgb(255, 29,  
13) }
```

# Background

The CSS property to change the background color of an element to YIQ 94.7500, 139.8320, 42.9360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 29, 13) }
```

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

```
.background{ background-color: rgb(255, 29,  
13) }
```

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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