

# Converting Colors

YIQ(132.1140, 97.1040, 24.3360)

Have a look what the booklet for  
YIQ(132.1140, 97.1040, 24.3360)  
contains.

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# Color

**YIQ(132.1140, 97.1040,  
24.3360)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F05A42
RGB	240, 90, 66
RGB Percent	94%, 35%, 26%
CMY	0.0585, 0.6473, 0.7408
CMYK	0.00, 0.63, 0.72, 0.06
HSL	8°, 85%, 60%
HSV	8°, 72%, 94%
XYZ	40.6020, 26.2368, 8.0944
YIQ	132.1140, 97.1040, 24.3360

# Conversions

## Conversions Part 2

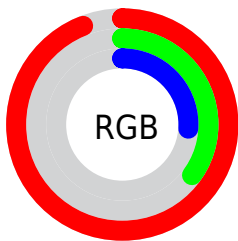
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	240, 94, 66
Decimal	15751746
CIE <sub>Lab</sub>	58.26, 56.47, 43.94
CIE <sub>LCh</sub>	58, 71.555, 37.886
Yxy	26.2368, 0.5418, 0.3501
Android (android.graphics.Color)	4293941826 (0xFFFF05A42)
YUV	132.1140, -32.5942, 94.6160
Hunter-Lab	51.2219, 51.8534, 26.4859

# Details

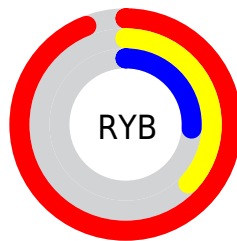
The YIQ color **132.1140, 97.1040, 24.3360** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed red. A complement of this color would be **173.8860, -97.1040, -24.3360**, and the grayscale version is **132.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **175.0570, 74.9150, 13.4670**, and **72.2260, 91.0970, 28.5770** is the 20% darker color. If you saturate the color by 10%, you get **117.0510, 110.5830, 27.8550**, and if you desaturate by 10%, it is **147.1770, 83.6250, 20.8170**.

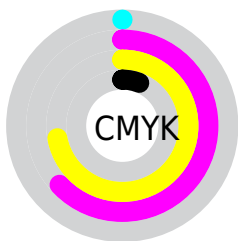
# Distribution



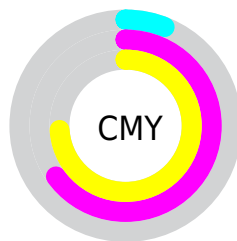
- Red (94%)
- Green (35%)
- Blue (26%)



- Red (94%)
- Yellow (37%)
- Blue (26%)



- Cyan (0%)
- Magenta (63%)
- Yellow (72%)
- Black (6%)




- Cyan (6%)
- Magenta (65%)
- Yellow (74%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 132.1140, 97.1040, 24.3360 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 132.1140, 97.1040, 24.3360 by changing the saturation by 10% instead.





 132.1140, 97.1040,  
24.3360


 132.1140, 97.1040,  
24.3360


255.0000, -0.0000,  
-0.0000


 102.9010, 93.3900,  
25.5660


 175.0570, 74.9150,  
13.4670


 72.2260, 91.0970,  
28.5770


 194.4570, 58.8690,  
6.9090


 43.6540, 87.0160,  
30.9520


 214.5580, 42.2270,  
0.1390

 34.3850, 68.5400,  
24.3800

 234.6590, 25.5850,  
-6.6310

 25.1160, 50.0640,  
17.8080

 251.3520, 10.2720,  
-9.9520

 17.2710, 33.3300,  
12.7060

254.6580, 0.9630,

 4.4850, 8.9400,

-0.9330

3.1800

■ 0.0000, 0.0000,  
0.0000

■ 132.1140, 97.1040,  
24.3360

■ 132.1140, 97.1040,  
24.3360

■ 117.0510,  
110.5830, 27.8550

■ 147.1770, 83.6250,  
20.8170

■ 102.5750,  
123.7870, 30.8510


■ 161.6530, 70.4210,  
17.8210


■ 91.1310, 133.9650,  
33.6210


■ 176.7160, 56.9420,  
14.3020

■ 191.7790, 43.4630,  
10.7830

■ 206.8420, 29.9840,  
7.2640

 221.3180, 16.7800,  
4.2680

 236.3810, 3.3010,  
0.7490

 250.5150, -8.9400,  
-3.1800

# Harmonies

## Analogous

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



130.2040, 89.3040, 55.5760



132.1140, 97.1040, 24.3360



131.1480, 89.4550, -18.7770

# Triad

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



132.1140, 97.1040, 24.3360



107.1150, -74.2650, -58.3050



112.4240, -120.9050, 5.0390

# Complementary

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



132.1140, 97.1040, 24.3360



173.8860, -97.1040, -24.3360

# 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.



122.4030, -125.5800, -3.8520



132.1140, 97.1040, 24.3360



116.2860, -95.9550, -39.6590

# Square

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



132.1140, 97.1040, 24.3360



120.0820, 0.4230, -57.2490



122.6530, -115.2610, -20.1650



143.3030, -12.1130, 48.8390



# Rectangle

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



132.1140, 97.1040, 24.3360



131.2600, 65.1120, -34.6640



122.6530, -115.2610, -20.1650



116.5330, -122.8300, 1.3780

# Sweetspot

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



132.1140, 97.1040, 24.3360



220.4400, 31.1760, 7.6880



135.2400, 55.2330, 83.8490



107.1010, 18.8890, 4.5930



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.



132.1140, 97.1040, 24.3360



117.5750, 123.7870, 30.8510



182.5960, 73.4540, -20.6420



112.7620, 6.6020, 1.4980



69.6910, 102.7890, 25.9330



21.4400, 31.1760, 7.6880

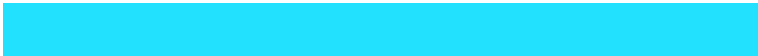


# Inverse Universe

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



173.8860, -97.1040, -24.3360



171.0120, -124.0620, -31.3740



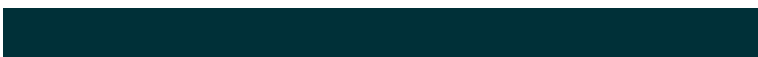
123.4040, -73.4540, 20.6420



115.2380, -6.6020, -1.4980



113.7220, -102.5140, -25.4100



34.5600, -31.1760, -7.6880



# Previews

## White Background



This preview shows how the YIQ color 132.1140, 97.1040, 24.3360 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 132.1140, 97.1040, 24.3360 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 132.1140, 97.1040, 24.3360

## Background



This preview shows how black text looks on a background with the YIQ color 132.1140, 97.1040, 24.3360.



This preview shows how white text looks on a background with the YIQ color 132.1140, 97.1040,



# 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

132.1140, 97.1040, 24.3360

### Protanopia

138.2750, 26.3660, -15.2820

### Deuteranopia

137.4810, 49.1530, -15.2550



**Tritanopia**

133.6160, 90.1790, 34.2030

# Trichromacy



## Original Color

132.1140, 97.1040, 24.3360

## Protanomaly

135.7070, 51.9930, -0.6390

## Deuteranomaly

135.6070, 66.8940, -0.8660

## Tritanomaly

133.1770, 92.7930, 30.8810

# Monochromacy



## Original Color

132.1140, 97.1040, 24.3360

## Achromatopsia

132.0000, -0.0000, -0.0000

## Achromatomaly

132.1200, 35.0730, 8.6490

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 132.1140, 97.1040, 24.3360 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(240, 90, 66)` looks like.

```
.text, #text, p{  
    color:rgb(240, 90, 66)  
}
```

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(240, 90, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 90, 66) }
```

## Border

The CSS property to change the border of an element to YIQ 132.1140, 97.1040, 24.3360 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(240, 90, 66) }
```



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

```
.border{ border-color:rgb(240, 90, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 90, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 90, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 90, 66);  
box-shadow:4px 4px 4px 4px rgb(240, 90,  
66) }
```

# Background

The CSS property to change the background color of an element to YIQ 132.1140, 97.1040, 24.3360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 90, 66) }
```

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

```
.background{ background-color: rgb(240, 90,  
66) }
```

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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