

Converting Colors

YIQ(123.6730, 94.0320, 24.9440)

Have a look what the booklet for
YIQ(123.6730, 94.0320, 24.9440)
contains.

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Color

**YIQ(123.6730, 94.0320,
24.9440)**

Conversions

Conversions Part 1

Format	Color
Hex	E5523E
RGB	229, 82, 62
RGB Percent	90%, 32%, 24%
CMY	0.1016, 0.6786, 0.7565
CMYK	0.00, 0.64, 0.73, 0.10
HSL	7°, 76%, 57%
HSV	7°, 73%, 90%
XYZ	36.2254, 23.0463, 7.1108
YIQ	123.6730, 94.0320, 24.9440

Conversions

Conversions Part 2

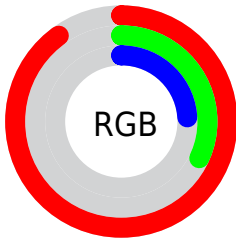
Format	Color
R _Y B	229, 85, 62
Decimal	15028798
CIE Lab	55.12, 55.97, 42.08
CIE LCh	55, 70.020, 36.939
Yxy	23.0463, 0.5457, 0.3472
Android (android.graphics.Color)	4293218878 (0xFFE5523E)
YUV	123.6730, -30.4048, 92.3718
Hunter-Lab	48.0066, 50.6833, 24.8225

Details

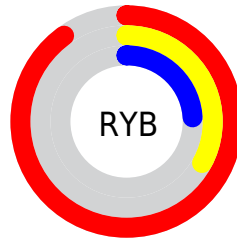
The YIQ color **123.6730, 94.0320, 24.9440** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **167.3270, -94.0320, -24.9440**, and the grayscale version is **124.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **169.9050, 78.3990, 16.4070**, and **61.5510, 88.8040, 31.5880** is the 20% darker color. If you saturate the color by 10%, you get **109.3110, 106.9150, 28.2510**, and if you desaturate by 10%, it is **138.0350, 81.1490, 21.6370**.

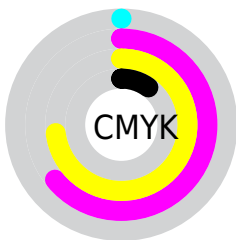
Distribution



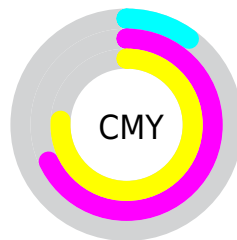
- Red (90%)
- Green (32%)
- Blue (24%)



- Red (90%)
- Yellow (33%)
- Blue (24%)



- Cyan (0%)
- Magenta (64%)
- Yellow (73%)
- Black (10%)





- Cyan (10%)
- Magenta (68%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 123.6730, 94.0320, 24.9440 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 123.6730, 94.0320, 24.9440 by changing the saturation by 10% instead.


 123.6730, 94.0320,
24.9440


 123.6730, 94.0320,
24.9440


255.0000, -0.0000,
-0.0000


 94.4600, 90.3180,
26.1740


 169.3180, 78.6740,
16.9300


 61.5510, 88.8040,
31.5880


 189.1910, 62.6740,
9.5380


 40.3650, 80.4600,
28.6200


 208.7050, 46.3070,
3.2910

 31.0960, 61.9840,
22.0480

 228.8060, 29.6650,
-3.4790

 22.5390, 44.3790,
16.2110

 249.6080, 12.4270,
-10.4610

 13.9820, 26.7740,
10.3740

 254.0880, 2.5680,

 0.0000, 0.0000,

-2.4880

0.0000

■ 123.6730, 94.0320,
24.9440

■ 123.6730, 94.0320,
24.9440

■ 109.3110,
106.9150, 28.2510

■ 138.0350, 81.1490,
21.6370

■ 94.9490, 119.7980,
31.5580

■ 152.3970, 68.2660,
18.3300

■ 84.3200, 129.0590,
34.4270

■ 167.3460, 55.1080,
14.5000

■ 181.7080, 42.2250,
11.1930

■ 196.0700, 29.3420,
7.8860

■ 210.4320, 16.4590,
4.5790

■ 224.6800, 3.8970,
0.9610

■ 239.0420, -8.9860,
-2.3460

■ 247.2260,
-15.4960, -5.5120

Harmonies

Analogous

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



121.3500, 85.9570, 55.6610



123.6730, 94.0320, 24.9440



123.7610, 86.2910, -16.5010

Triad

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



123.6730, 94.0320, 24.9440



100.8060, -68.9010, -56.3970



108.0870, -118.3380, 8.0780

Complementary

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



123.6730, 94.0320, 24.9440



167.3270, -94.0320, -24.9440

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.



116.4530, -119.8490, -3.0890



123.6730, 94.0320, 24.9440



109.8630, -90.2700, -38.0620

Square

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



123.6730, 94.0320, 24.9440



112.3490, 4.0450, -56.8110



116.0020, -108.9340, -19.1900



135.0530, -14.4050, 46.3230

Rectangle

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



123.6730, 94.0320, 24.9440



123.5850, 62.8190, -31.6530



116.0020, -108.9340, -19.1900



111.7230, -120.3090, 5.2510

Sweetspot

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



123.6730, 94.0320, 24.9440



219.8530, 31.4510, 8.2110



128.8050, 52.0240, 81.4320



106.5140, 19.1640, 5.1160



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.



123.6730, 94.0320, 24.9440



115.2270, 124.8870, 32.9430



172.3940, 71.2070, -18.4650



107.7620, 6.6020, 1.4980



65.8480, 100.9090, 26.9650



18.7710, 28.7460, 7.6740

Inverse Universe

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



167.3270, -94.0320, -24.9440



173.3600, -125.1620, -33.4660



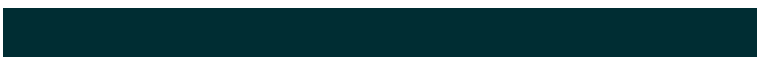
118.6060, -71.2070, 18.4650



110.2380, -6.6020, -1.4980



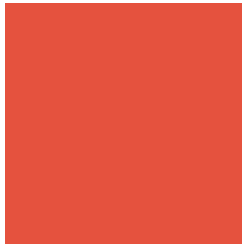
112.5650, -100.6340, -26.4420



32.2290, -28.7460, -7.6740

Previews

White Background



This preview shows how the YIQ color 123.6730, 94.0320, 24.9440 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 123.6730, 94.0320, 24.9440 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 123.6730, 94.0320, 24.9440

Background



This preview shows how black text looks on a background with the YIQ color 123.6730, 94.0320, 24.9440.



This preview shows how white text looks on a background with the YIQ color 123.6730, 94.0320,

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

123.6730, 94.0320, 24.9440

Protanopia

129.8450, 24.7610, -13.7270

Deuteranopia

129.3390, 46.6770, -14.4350



Tritanopia

124.7190, 88.3910, 33.5670

Trichromacy



Original Color

123.6730, 94.0320, 24.9440

Protanomaly

127.8640, 50.1130, 0.3930

Deuteranomaly

127.1660, 63.8220, -0.2580

Tritanomaly

124.3940, 90.6840, 30.5560

Monochromacy



Original Color

123.6730, 94.0320, 24.9440

Achromatopsia

124.0000, -0.0000, -0.0000

Achromatomaly

123.9350, 34.1560, 8.7480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 123.6730, 94.0320, 24.9440 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(229, 82, 62)` looks like.

```
.text, #text, p{  
    color:rgb(229, 82, 62)  
}
```

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(229, 82, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 82, 62) }
```

Border

The CSS property to change the border of an element to YIQ 123.6730, 94.0320, 24.9440 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(229, 82, 62) }
```


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

```
.border{ border-color:rgb(229, 82, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 82, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 82, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 82, 62);  
box-shadow:4px 4px 4px 4px rgb(229, 82,  
62) }
```

Background

The CSS property to change the background color of an element to YIQ 123.6730, 94.0320, 24.9440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 82, 62) }
```

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

```
.background{ background-color: rgb(229, 82,  
62) }
```

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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