

Converting Colors

YIQ(123.3600, 96.0510, 15.8830)

Have a look what the booklet for
YIQ(123.3600, 96.0510, 15.8830)
contains.

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Color

**YIQ(123.3600, 96.0510,
15.8830)**

Conversions

Conversions Part 1

Format	Color
Hex	E1572C
RGB	225, 87, 44
RGB Percent	88%, 34%, 17%
CMY	0.1173, 0.6590, 0.8270
CMYK	0.00, 0.61, 0.80, 0.12
HSL	14°, 75%, 53%
HSV	14°, 80%, 88%
XYZ	34.9354, 23.0095, 4.9933
YIQ	123.3600, 96.0510, 15.8830

Conversions

Conversions Part 2

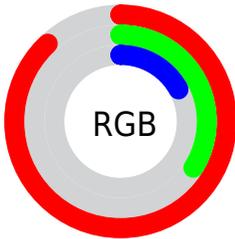
Format	Color
R _Y B	225, 100, 44
Decimal	14767916
CIE Lab	55.08, 51.77, 50.97
CIE LCh	55, 72.651, 44.551
Yxy	23.0095, 0.5551, 0.3656
Android (android.graphics.Color)	4292957996 (0xFFE1572C)
YUV	123.3600, -39.1245, 89.1383
Hunter-Lab	47.9683, 46.0576, 27.4060

Details

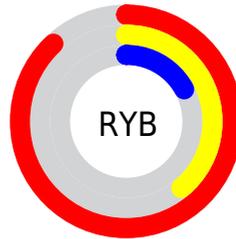
The YIQ color **123.3600, 96.0510, 15.8830** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **145.6400, -96.0510, -15.8830**, and the grayscale version is **124.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **170.2010, 83.0770, 8.7170**, and **65.4610, 88.5770, 19.1770** is the 20% darker color. If you saturate the color by 10%, you get **110.8730, 107.7880, 17.9320**, and if you desaturate by 10%, it is **135.9610, 83.9930, 14.1450**.

Distribution



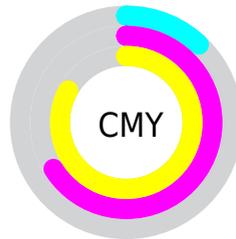
- Red (88%)
- Green (34%)
- Blue (17%)



- Red (88%)
- Yellow (39%)
- Blue (17%)



- Cyan (0%)
- Magenta (61%)
- Yellow (80%)
- Black (12%)



- Cyan (12%)
- Magenta (66%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 123.3600, 96.0510, 15.8830 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 123.3600, 96.0510, 15.8830 by changing the saturation by 10% instead.

 123.3600, 96.0510,
15.8830

 123.3600, 96.0510,
15.8830

255.0000, -0.0000,
-0.0000

 94.5060, 92.7040,
15.9680

 169.6140, 83.3520,
9.2400

 65.4610, 88.5770,
19.1770

 189.0140, 67.3060,
2.6820

 39.1690, 78.0760,
27.7720

 209.0010, 50.9850,
-4.3990

 29.9000, 59.6000,
21.2000

 229.1020, 34.3430,
-11.1690

 21.2290, 42.3160,
15.0520

 248.7300, 17.6550,
-17.1050

 12.9710, 25.3070,
9.4270

 251.9220, 8.6670,

 0.0000, 0.0000,

-8.3970

0.0000

■ 123.3600, 96.0510,
15.8830

■ 123.3600, 96.0510,
15.8830

■ 110.8730,
107.7880, 17.9320

■ 135.9610, 83.9930,
14.1450

■ 98.3860, 119.5250,
19.9810

■ 148.4480, 72.2560,
12.0960

■ 161.0490, 60.1980,
10.3580

■ 174.1230, 48.1860,
7.7860

■ 186.7240, 36.1280,
6.0480

■ 199.2110, 24.3910,
3.9990

■ 211.8120, 12.3330,
2.2610

■ 224.2990, 0.5960,
0.2120

■ 237.4870,
-11.7370, -2.0490

Harmonies

Analogous

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



118.8470, 94.6230, 52.7910



123.3600, 96.0510, 15.8830



124.2930, 78.6810, -21.7590

Triad

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



123.3600, 96.0510, 15.8830



103.6900, -74.2660, -52.7780



107.1850, -112.5620, 13.5340

Complementary

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



123.3600, 96.0510, 15.8830



145.6400, -96.0510, -15.8830

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.



115.8320, -122.2340, 1.5900



123.3600, 96.0510, 15.8830



112.3880, -96.0020, -33.2980

Square

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



123.3600, 96.0510, 15.8830



106.9640, -19.7960, -59.7640



117.1250, -113.4740, -14.0020



134.9630, 3.7040, 54.0400

Rectangle

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



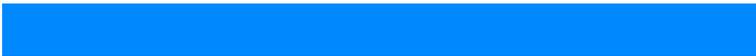
123.3600, 96.0510, 15.8830



122.3340, 53.1000, -37.2360



117.1250, -113.4740, -14.0020



109.4890, -119.5300, 7.6540

Sweetspot

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



123.3600, 96.0510, 15.8830



220.4570, 32.5060, 5.6100



113.9650, 63.2570, 81.6010



106.7590, 19.8520, 3.6600



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.



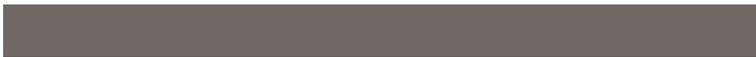
123.3600, 96.0510, 15.8830



117.3010, 130.0700, 21.6060



176.1900, 71.3010, -31.1870



106.0500, 5.7310, 0.7630



77.2780, 93.3460, 15.3460



20.8090, 25.5830, 4.4230

Inverse Universe

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



145.6400, -96.0510, -15.8830



147.6990, -130.0700, -21.6060



92.8100, -71.3010, 31.1870



107.5370, -6.0060, -1.2860



98.7220, -93.3460, -15.3460



27.1910, -25.5830, -4.4230

Previews

White Background



This preview shows how the YIQ color 123.3600, 96.0510, 15.8830 looks on a white background.

Color Contrast Check

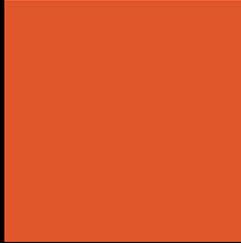
Large Text (above 18pt) WCAG AA ✓ Pass

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 123.3600, 96.0510, 15.8830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

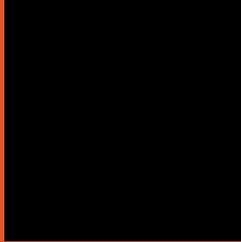
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 123.3600, 96.0510, 15.8830

Background



This preview shows how black text looks on a background with the YIQ color 123.3600, 96.0510, 15.8830.



This preview shows how white text looks on a background with the YIQ color 123.3600, 96.0510,

15.8830.

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

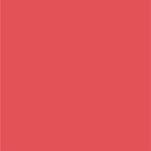
123.3600, 96.0510, 15.8830

Protanopia

128.5220, 32.7400, -20.6680

Deuteranopia

127.5430, 54.6100, -20.5420



Tritanopia

125.9250, 84.8150, 32.2950

Trichromacy



Original Color

123.3600, 96.0510, 15.8830

Protanomaly

126.3450, 55.7080, -7.3960

Deuteranomaly

126.0600, 69.6920, -7.5240

Tritanomaly

124.9760, 88.8050, 26.0610

Monochromacy



Original Color

123.3600, 96.0510, 15.8830

Achromatopsia

123.0000, -0.0000, -0.0000

Achromatomaly

123.1260, 34.9360, 5.6240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 123.3600, 96.0510, 15.8830 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(225, 87, 44)` looks like.

```
.text, #text, p{  
    color:rgb(225, 87, 44)  
}
```

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(225, 87, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 87, 44) }
```

Border

The CSS property to change the border of an element to YIQ 123.3600, 96.0510, 15.8830 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(225, 87, 44) }
```

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

```
.border{ border-color:rgb(225, 87, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 87, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 87, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 87, 44);  
box-shadow:4px 4px 4px 4px rgb(225, 87,  
44) }
```

Background

The CSS property to change the background color of an element to YIQ 123.3600, 96.0510, 15.8830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 87, 44) }
```

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

```
.background{ background-color: rgb(225, 87,  
44) }
```

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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