

Converting Colors

YIQ(104.9260, 109.4370,
26.5970)

Have a look what the booklet for
YIQ(104.9260, 109.4370, 26.5970)
contains.

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Color

**YIQ(104.9260, 109.4370,
26.5970)**

Conversions

Conversions Part 1

Format	Color
Hex	E23A1D
RGB	226, 58, 29
RGB Percent	89%, 23%, 11%
CMY	0.1133, 0.7728, 0.8858
CMYK	0.00, 0.74, 0.87, 0.11
HSL	9°, 77%, 50%
HSV	9°, 87%, 89%
XYZ	33.1273, 19.2928, 3.1478
YIQ	104.9260, 109.4370, 26.5970

Conversions

Conversions Part 2

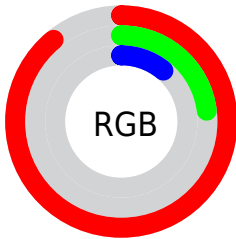
Format	Color
R_{YB}	226, 63, 29
Decimal	14826013
CIE Lab	51.03, 62.96, 54.18
CIE LCh	51, 83.064, 40.715
Yxy	19.2928, 0.5962, 0.3472
Android (android.graphics.Color)	4293016093 (0xFFE23A1D)
YUV	104.9260, -37.4315, 106.1819
Hunter-Lab	43.9235, 57.7591, 26.4974

Details

The YIQ color **104.9260, 109.4370, 26.5970** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **150.0740, -109.4370, -26.5970**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.8160, 94.7670, 17.1270**, and **48.4380, 96.5520, 34.3440** is the 20% darker color. If you saturate the color by 10%, you get **91.2650, 121.7240, 29.6920**, and if you desaturate by 10%, it is **118.7010, 96.8290, 23.8130**.

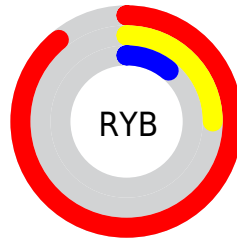
Distribution



Red (89%)

Green (23%)

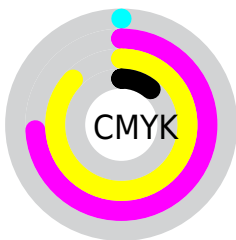
Blue (11%)



Red (89%)

Yellow (25%)

Blue (11%)

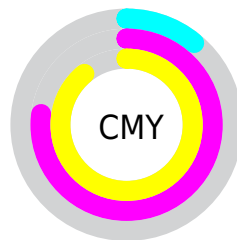


Cyan (0%)

Magenta (74%)

Yellow (87%)

Black (11%)



Cyan (11%)

Magenta (77%)

Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 104.9260, 109.4370, 26.5970 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 104.9260, 109.4370, 26.5970 by changing the saturation by 10% instead.


 104.9260,
109.4370, 26.5970


 104.9260,
109.4370, 26.5970


255.0000, -0.0000,
-0.0000


 69.3870, 109.7570,
31.8130


 153.8160, 94.7670,
17.1270


 48.4380, 96.5520,
34.3440


 173.1020, 79.0420,
10.2580


 38.8700, 77.4800,
27.5600


 193.0890, 62.7210,
3.1770

 29.3020, 58.4080,
20.7760

 213.1900, 46.0790,
-3.5930

 21.2720, 40.7570,
15.7730

 233.8780, 29.1620,
-10.8860

 11.4760, 22.3270,
8.3670

 249.9840, 14.1240,

 0.0000, 0.0000,

-13.6840

0.0000

253.1760, 5.1360,
-4.9760

104.9260,
109.4370, 26.5970

104.9260,
109.4370, 26.5970

91.2650, 121.7240,
29.6920

118.7010, 96.8290,
23.8130

86.9450, 125.6210,
30.6530

132.9490, 84.2670,
20.1950

146.7240, 71.6590,
17.4110

160.4990, 59.0510,
14.6270

174.1600, 46.7640,
11.5320

■ 188.5220, 33.8810,
8.2250

■ 202.1830, 21.5940,
5.1300

■ 215.9580, 8.9860,
2.3460

■ 230.3200, -3.8970,
-0.9610

Harmonies

Analogous

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



83.7580, 112.1320, 82.4040



104.9260, 109.4370, 26.5970



114.3030, 81.8890, -13.8150

Triad

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



104.9260, 109.4370, 26.5970



94.9700, -63.4910, -55.3230



101.2710, -115.6800, 14.9760

Complementary

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



104.9260, 109.4370, 26.5970



150.0740, -109.4370, -26.5970

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.



112.4240, -120.9050, 5.0390



104.9260, 109.4370, 26.5970



105.2810, -88.3910, -33.5670

Square

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



104.9260, 109.4370, 26.5970



91.4380, -21.4910, -67.5950



112.4460, -109.9440, -11.8960



123.4380, -7.7590, 58.0410

Rectangle

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



104.9260, 109.4370, 26.5970



114.0940, 54.0160, -31.8080



112.4460, -109.9440, -11.8960



105.9670, -117.8800, 10.7920

Sweetspot

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



104.9260, 109.4370, 26.5970



214.0170, 36.8610, 9.2850



107.3970, 62.5210, 94.9450



103.4820, 22.1900, 5.3420



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.



104.9260, 109.4370, 26.5970



97.9640, 141.8050, 34.7090



161.2780, 83.0370, -23.6110



105.4630, 6.0060, 1.2860



67.8860, 97.7460, 23.7140



18.4610, 26.6830, 6.5150

Inverse Universe

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



150.0740, -109.4370, -26.5970



157.0360, -141.8050, -34.7090



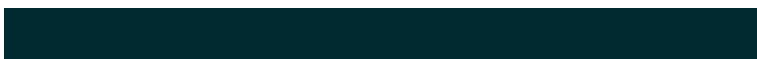
93.7220, -83.0370, 23.6110



108.1240, -6.2810, -1.8090



108.1140, -97.7460, -23.7140



29.5390, -26.6830, -6.5150

Previews

White Background



This preview shows how the YIQ color 104.9260, 109.4370, 26.5970 looks on a white background.

Color Contrast Check

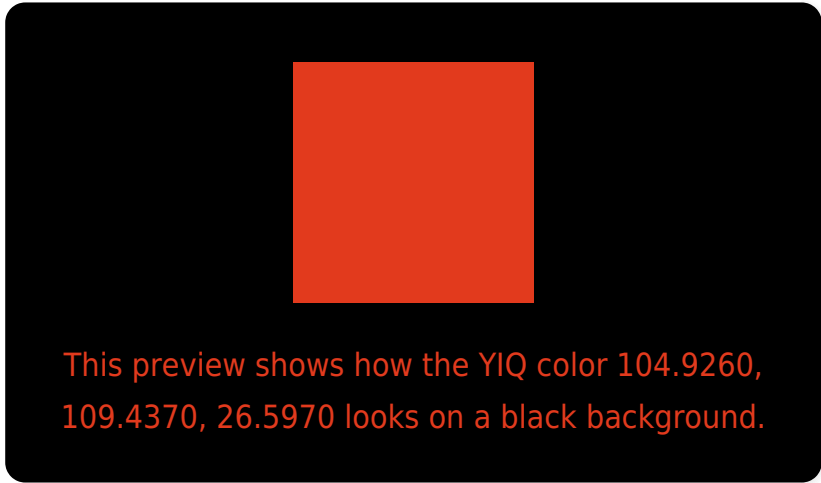
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 104.9260, 109.4370, 26.5970

Background



This preview shows how black text looks on a background with the YIQ color 104.9260, 109.4370, 26.5970.



This preview shows how white text looks on a background with the YIQ color 104.9260, 109.4370,

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

104.9260, 109.4370, 26.5970

Protanopia

117.4080, 33.0610, -20.9790

Deuteranopia

114.1380, 59.8840, -28.0200



Tritanopia

106.5420, 102.1910, 36.7750

Trichromacy



Original Color

104.9260, 109.4370, 26.5970

Protanomaly

113.0900, 60.9800, -3.8200

Deuteranomaly

110.8390, 77.6240, -8.1040

Tritanomaly

105.9890, 105.1260, 33.1420

Monochromacy



Original Color

104.9260, 109.4370, 26.5970

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

104.9850, 39.8870, 9.5110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 104.9260, 109.4370, 26.5970 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(226, 58, 29)` looks like.

```
.text, #text, p{  
    color:rgb(226, 58, 29)  
}
```

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(226, 58, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 58, 29) }
```

Border

The CSS property to change the border of an element to YIQ 104.9260, 109.4370, 26.5970 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(226, 58, 29) }
```


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

```
.border{ border-color:rgb(226, 58, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 58, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 58, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 58, 29);  
box-shadow:4px 4px 4px 4px rgb(226, 58,  
29) }
```

Background

The CSS property to change the background color of an element to YIQ 104.9260, 109.4370, 26.5970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 58, 29) }
```

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

```
.background{ background-color: rgb(226, 58,  
29) }
```

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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