

Converting Colors

YIQ(106.0260, 111.7310,
18.0590)

Have a look what the booklet for
YIQ(106.0260, 111.7310, 18.0590)
contains.

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Color

**YIQ(106.0260, 111.7310,
18.0590)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | E0400D |
| RGB | 224, 64, 13 |
| RGB Percent | 88%, 25%, 5% |
| CMY | 0.1212, 0.7492, 0.9485 |
| CMYK | 0.00, 0.71, 0.94, 0.12 |
| HSL | 14°, 89%, 47% |
| HSV | 14°, 94%, 88% |
| XYZ | 32.6711, 19.5501, 2.4365 |
| YIQ | 106.0260, 111.7310, 18.0590 |

Conversions

Conversions Part 2

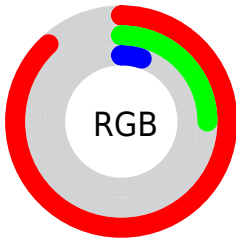
| Format | Color |
|-------------------------------------|---------------------------------|
| R_{YB} | 224, 80, 13 |
| Decimal | 14696461 |
| CIE Lab | 51.32, 60.06, 59.72 |
| CIE LCh | 51, 84.694, 44.837 |
| Yxy | 19.5501, 0.5977, 0.3577 |
| Android (android.graphics.Color) | 4292886541 (0xFFE0400D) |
| YUV | 106.0260, -45.8618, 103.4632 |
| Hunter-Lab | 44.2155, 54.5177, 27.6836 |

Details

The YIQ color **106.0260, 111.7310, 18.0590** 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 **130.9740, -111.7310, -18.0590**, and the grayscale version is **106.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **154.9100, 97.1980, 11.6140**, and **47.5410, 94.7640, 33.7080** is the 20% darker color. If you saturate the color by 10%, you get **98.6740, 118.6540, 19.2460**, and if you desaturate by 10%, it is **118.6270, 99.6730, 16.3210**.

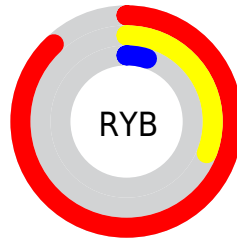
Distribution



Red (88%)

Green (25%)

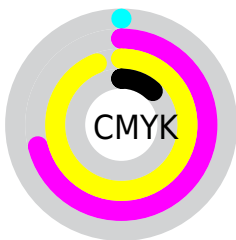
Blue (5%)



Red (88%)

Yellow (31%)

Blue (5%)

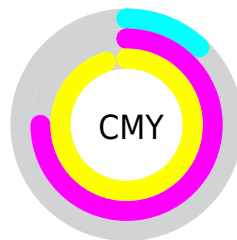


Cyan (0%)

Magenta (71%)

Yellow (94%)

Black (12%)



Cyan (12%)

Magenta (75%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 106.0260, 111.7310, 18.0590 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 106.0260, 111.7310, 18.0590 by changing the saturation by 10% instead.

106.0260,
111.7310, 18.0590

106.0260,
111.7310, 18.0590

255.0000, -0.0000,
-0.0000

75.0180, 106.1820,
25.0140

154.9100, 97.1980,
11.6140

47.8400, 95.3600,
33.9200

174.1960, 81.4730,
4.7450

38.2720, 76.2880,
27.1360

194.1830, 65.1520,
-2.3360

29.0030, 57.8120,
20.5640

214.2840, 48.5100,
-9.1060

20.5600, 39.8860,
15.0380

234.3850, 31.8680,
-15.8760

10.8780, 21.1350,
7.9430

248.7300, 17.6550,

0.0000, 0.0000,

-17.1050

0.0000

■ 251.9220, 8.6670,
-8.3970

■ 106.0260,
111.7310, 18.0590

■ 106.0260,
111.7310, 18.0590

■ 98.6740, 118.6540,
19.2460

■ 118.6270, 99.6730,
16.3210

■ 131.1140, 87.9360,
14.2720

■ 143.6010, 76.1990,
12.2230

■ 156.2020, 64.1410,
10.4850

■ 168.6890, 52.4040,
8.4360

■ 181.2900, 40.3460,
6.6980

■ 193.7770, 28.6090,
4.6490

■ 206.2640, 16.8720,
2.6000

■ 218.8650, 4.8140,
0.8620

Harmonies

Analogous

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



83.5150, 117.1300, 79.9300



106.0260, 111.7310, 18.0590



114.8570, 77.2130, -17.1790

Triad

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



106.0260, 111.7310, 18.0590



97.2840, -67.2510, -53.2590



99.5100, -114.8550, 16.5450

Complementary

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



106.0260, 111.7310, 18.0590



130.9740, -111.7310, -18.0590

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



106.0260, 111.7310, 18.0590



107.2360, -92.5180, -30.3580

Square

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



106.0260, 111.7310, 18.0590



84.5280, -39.6000, -75.3120



114.1730, -113.4290, -9.3090



123.3580, 4.3900, 63.6380

Rectangle

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



106.0260, 111.7310, 18.0590



113.7620, 49.0190, -34.8610



114.1730, -113.4290, -9.3090



104.7930, -117.3300, 11.8380

Sweetspot

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



106.0260, 111.7310, 18.0590



215.2080, 37.6410, 6.1610



94.5570, 73.7540, 95.1140



103.6130, 23.1990, 3.5750



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.



106.0260, 111.7310, 18.0590



112.0520, 135.2050, 22.1570



167.0740, 83.1310, -36.3330



106.0500, 5.7310, 0.7630



77.2780, 93.3460, 15.3460



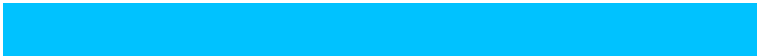
21.3960, 25.3080, 3.9000

Inverse Universe

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



130.9740, -111.7310, -18.0590



142.9480, -135.2050, -22.1570



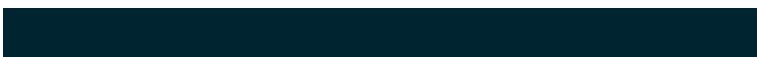
69.9260, -83.1310, 36.3330



106.9500, -5.7310, -0.7630



98.7220, -93.3460, -15.3460



27.1910, -25.5830, -4.4230

Previews

White Background



This preview shows how the YIQ color 106.0260, 111.7310, 18.0590 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 106.0260, 111.7310, 18.0590 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 106.0260, 111.7310, 18.0590

Background



This preview shows how black text looks on a background with the YIQ color 106.0260, 111.7310, 18.0590.



This preview shows how white text looks on a background with the YIQ color 106.0260, 111.7310,

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

106.0260, 111.7310, 18.0590

Protanopia

116.7690, 39.1140, -26.0540

Deuteranopia

115.0240, 60.2050, -28.3310



Tritanopia

109.5630, 97.6980, 35.6020

Trichromacy



Original Color

106.0260, 111.7310, 18.0590

Protanomaly

113.0270, 65.2910, -10.3650

Deuteranomaly

111.9160, 78.7250, -11.5390

Tritanomaly

108.0980, 103.2010, 29.4810

Monochromacy



Original Color

106.0260, 111.7310, 18.0590

Achromatopsia

106.0000, -0.0000, -0.0000

Achromatomaly

106.1760, 40.6670, 6.3870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 106.0260, 111.7310, 18.0590 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(224, 64, 13)` looks like.

```
.text, #text, p{  
    color:rgb(224, 64, 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(224, 64, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 64, 13) }
```

Border

The CSS property to change the border of an element to YIQ 106.0260, 111.7310, 18.0590 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(224, 64, 13) }
```


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

```
.border{ border-color:rgb(224, 64, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 64, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 64, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 64, 13);  
box-shadow:4px 4px 4px 4px rgb(224, 64,  
13) }
```

Background

The CSS property to change the background color of an element to YIQ 106.0260, 111.7310, 18.0590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 64, 13) }
```

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

```
.background{ background-color: rgb(224, 64,  
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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