

Converting Colors

YIQ(77.4620, 106.3130, 61.2010)

Have a look what the booklet for
YIQ(77.4620, 106.3130, 61.2010)
contains.

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Color

**YIQ(77.4620, 106.3130,
61.2010)**

Conversions

Conversions Part 1

Format	Color
Hex	D90940
RGB	217, 9, 64
RGB Percent	85%, 4%, 25%
CMY	0.1485, 0.9649, 0.7486
CMYK	0.00, 0.96, 0.70, 0.15
HSL	344°, 92%, 44%
HSV	344°, 96%, 85%
XYZ	29.6803, 15.3371, 6.2610
YIQ	77.4620, 106.3130, 61.2010

Conversions

Conversions Part 2

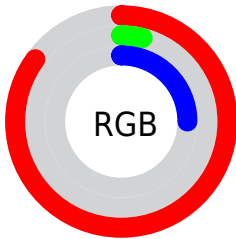
Format	Color
R_{YB}	217, 9, 64
Decimal	14223680
CIE Lab	46.09, 71.58, 29.86
CIE LCh	46, 77.557, 22.645
Yxy	15.3371, 0.5788, 0.2991
Android (android.graphics.Color)	4292413760 (0xFFD90940)
YUV	77.4620, -6.6368, 122.3748
Hunter-Lab	39.1627, 66.7456, 17.9351

Details

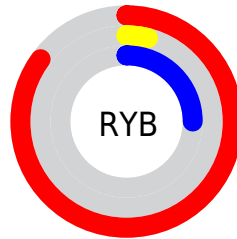
The YIQ color **77.4620, 106.3130, 61.2010** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **148.5380, -106.3130, -61.2010**, and the grayscale version is **77.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **142.3160, 91.3240, 40.9880**, and **48.2550, 84.1260, 39.2780** is the 20% darker color. If you saturate the color by 10%, you get **71.4950, 110.7140, 64.0420**, and if you desaturate by 10%, it is **92.2000, 95.1270, 54.6710**.

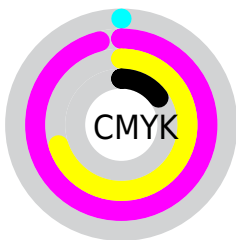
Distribution



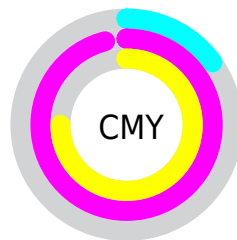
- Red (85%)
- Green (4%)
- Blue (25%)



- Red (85%)
- Yellow (4%)
- Blue (25%)



- Cyan (0%)
- Magenta (96%)
- Yellow (70%)
- Black (15%)





- Cyan (15%)
- Magenta (96%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 77.4620, 106.3130, 61.2010 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 77.4620, 106.3130, 61.2010 by changing the saturation by 10% instead.


 77.4620, 106.3130,
61.2010


 77.4620, 106.3130,
61.2010


255.0000, -0.0000,
-0.0000


 60.1030, 96.7780,
52.2820


 142.4300, 91.0030,
41.2990


 48.3690, 83.8050,
39.5890


 163.4770, 74.4530,
32.8610


 36.4780, 72.7120,
25.8640


 183.4640, 58.1320,
25.7800

 27.4370, 53.5940,
19.9140

 204.1520, 41.2150,
18.4870

 18.5810, 35.3930,
13.8650

 224.3670, 24.2520,
12.0280

 7.2900, 13.9830,
5.3990

 245.1690, 7.0140,

 0.0000, 0.0000,

5.0460

0.0000

■ 77.4620, 106.3130,
61.2010

■ 77.4620, 106.3130,
61.2010

■ 71.4950, 110.7140,
64.0420

■ 92.2000, 95.1270,
54.6710

■ 106.3510, 84.2160,
48.6640

■ 121.0890, 73.0300,
42.1340

■ 135.8270, 61.8440,
35.6040

■ 150.5650, 50.6580,
29.0740

■ 164.7160, 39.7470,
23.0670

■ 179.4540, 28.5610,
16.5370

■ 194.1920, 17.3750,
10.0070

■ 208.3430, 6.4640,
4.0000

Harmonies

Analogous

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



78.2790, 85.8600, 84.9640



77.4620, 106.3130, 61.2010



97.3240, 95.7320, 5.1400

Triad

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



77.4620, 106.3130, 61.2010



77.5640, -39.2810, -64.5690



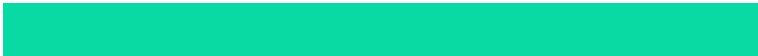
99.5610, -110.8650, 10.3110

Complementary

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



77.4620, 106.3130, 61.2010



148.5380, -106.3130, -61.2010

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.



102.3530, -104.9480, -3.3160



77.4620, 106.3130, 61.2010



89.6190, -66.3360, -42.3040

Square

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



77.4620, 106.3130, 61.2010



96.1540, 18.2560, -44.5280



97.8440, -88.1180, -21.9900



97.9020, -74.5560, 29.6040

Rectangle

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



77.4620, 106.3130, 61.2010



102.7410, 71.8480, -13.5600



97.8440, -88.1180, -21.9900



101.3390, -110.3600, 6.6640

Sweetspot

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



77.4620, 106.3130, 61.2010



205.4060, 37.6840, 21.9080



78.4590, 24.4200, 97.1240



97.8230, 22.9680, 13.2720



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.



77.4620, 106.3130, 61.2010



83.9970, 130.1520, 75.2080



99.9550, 110.4930, 18.4690



102.6310, 5.5930, 3.2650



56.9710, 88.3420, 50.9820



15.1220, 23.5640, 13.4840

Inverse Universe

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



77.4620, 106.3130, 61.2010



83.9970, 130.1520, 75.2080



126.6320, -110.7680, -18.9920



102.6310, 5.5930, 3.2650



56.9710, 88.3420, 50.9820



15.1220, 23.5640, 13.4840

Previews

White Background



This preview shows how the YIQ color 77.4620, 106.3130, 61.2010 looks on a white 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

Black Background



This preview shows how the YIQ color 77.4620, 106.3130, 61.2010 looks on a black 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

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

YIQ 77.4620, 106.3130, 61.2010

Background



This preview shows how black text looks on a background with the YIQ color 77.4620, 106.3130, 61.2010.



This preview shows how white text looks on a background with the YIQ color 77.4620, 106.3130,

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

77.4620, 106.3130, 61.2010

Protanopia

110.0840, 8.3910, -3.3930

Deuteranopia

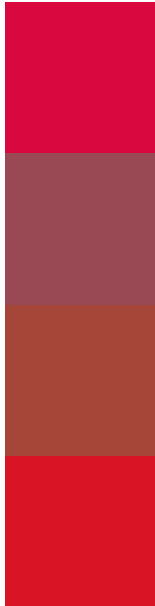
108.6400, 35.7640, -9.3880



Tritanopia

82.9410, 114.2490, 38.5130

Trichromacy



Original Color

77.4620, 106.3130, 61.2010

Protanomaly

98.1740, 44.1490, 20.3810

Deuteranomaly

97.2220, 61.3890, 16.3090

Tritanomaly

80.5420, 111.3590, 46.8390

Monochromacy



Original Color

77.4620, 106.3130, 61.2010

Achromatopsia

77.0000, -0.0000, -0.0000

Achromatomaly

77.0040, 38.8760, 22.3320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 77.4620, 106.3130, 61.2010 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(217, 9, 64)` looks like.

```
.text, #text, p{  
    color:rgb(217, 9, 64)  
}
```

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(217, 9, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 9, 64) }
```

Border

The CSS property to change the border of an element to YIQ 77.4620, 106.3130, 61.2010 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(217, 9, 64) }
```


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

```
.border{ border-color:rgb(217, 9, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 9, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 9, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 9, 64);  
box-shadow:4px 4px 4px 4px rgb(217, 9, 64)  
}
```

Background

The CSS property to change the background color of an element to YIQ 77.4620, 106.3130, 61.2010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 9, 64) }
```

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

```
.background{ background-color: rgb(217, 9,  
64) }
```

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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