

Converting Colors

YIQ(87.1530, 76.1460, 51.7460)

Have a look what the booklet for
YIQ(87.1530, 76.1460, 51.7460)
contains.

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Color

**YIQ(87.1530, 76.1460,
51.7460)**

Conversions

Conversions Part 1

Format	Color
Hex	C0215B
RGB	192, 33, 91
RGB Percent	75%, 13%, 36%
CMY	0.2466, 0.8708, 0.6429
CMYK	0.00, 0.83, 0.53, 0.25
HSL	338°, 71%, 44%
HSV	338°, 83%, 75%
XYZ	24.1982, 13.0607, 11.1580
YIQ	87.1530, 76.1460, 51.7460

Conversions

Conversions Part 2

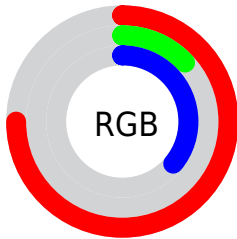
Format	Color
R_{YB}	192, 33, 91
Decimal	12591451
CIE _{Lab}	42.85, 63.21, 7.88
CIE _{LCh}	43, 63.703, 7.107
Yxy	13.0607, 0.4998, 0.2698
Android (android.graphics.Color)	4290781531 (0xFFC0215B)
YUV	87.1530, 1.8966, 91.9508
Hunter-Lab	36.1397, 56.2745, 6.9922

Details

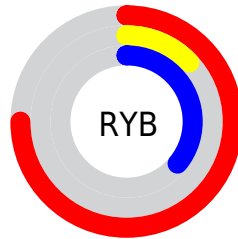
The YIQ color **87.1530, 76.1460, 51.7460** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **137.8470, -76.1460, -51.7460**, and the grayscale version is **87.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **148.9590, 79.4480, 46.9680**, and **44.7120, 63.9060, 42.2900** is the 20% darker color. If you saturate the color by 10%, you get **74.6320, 85.2230, 57.9510**, and if you desaturate by 10%, it is **99.6740, 67.0690, 45.5410**.

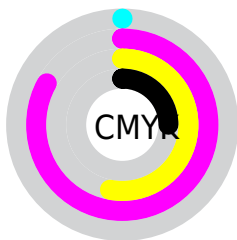
Distribution



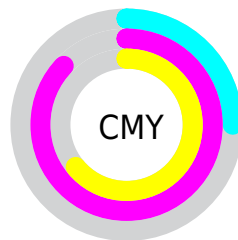
- Red (75%)
- Green (13%)
- Blue (36%)



- Red (75%)
- Yellow (13%)
- Blue (36%)



- Cyan (0%)
- Magenta (83%)
- Yellow (53%)
- Black (25%)



- Cyan (25%)
- Magenta (87%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 87.1530, 76.1460, 51.7460 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 87.1530, 76.1460, 51.7460 by changing the saturation by 10% instead.

■ 87.1530, 76.1460,
51.7460

■ 87.1530, 76.1460,
51.7460

255.0000, -0.0000,
-0.0000

■ 56.1900, 74.7240,
55.4920

■ 148.9590, 79.4480,
46.9680

■ 44.7120, 63.9060,
42.2900

■ 168.6580, 63.9980,
40.6220

■ 33.4620, 52.4460,
29.7100

■ 188.7590, 47.3560,
33.8520

■ 22.6530, 44.0580,
16.5220

■ 208.9740, 30.3930,
27.3930

■ 13.2700, 25.9030,
9.6390

■ 229.3030, 13.1090,
21.2450

■ 0.0000, 0.0000,
0.0000

■ 246.7820, 3.8500,

7.3220

■ 87.1530, 76.1460,
51.7460

■ 87.1530, 76.1460,
51.7460

■ 74.6320, 85.2230,
57.9510

■ 99.6740, 67.0690,
45.5410

■ 65.3880, 91.9620,
62.4740

■ 112.1950, 57.9920,
39.3360

■ 125.4170, 48.3190,
32.9190

■ 137.9380, 39.2420,
26.7140

■ 150.4590, 30.1650,
20.5090

■ 162.9800, 21.0880,
14.3040

■ 175.5010, 12.0110,
8.0990

■ 188.7230, 2.3380,
1.6820

■ 201.2440, -6.7390,
-4.5230

Harmonies

Analogous

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



97.0800, 42.8590, 54.7870



87.1530, 76.1460, 51.7460



91.8610, 81.6990, 22.6830

Triad

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



87.1530, 76.1460, 51.7460



83.3520, -0.0370, -48.9090



91.9520, -96.3290, 0.1750

Complementary

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



87.1530, 76.1460, 51.7460



137.8470, -76.1460, -51.7460

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.



90.8970, -86.4690, -13.3250



87.1530, 76.1460, 51.7460



78.1120, -51.8470, -46.0790

Square

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



87.1530, 76.1460, 51.7460



93.9490, 38.4270, -30.1250



85.6700, -70.3730, -29.7090



84.6460, -95.0470, 9.9850

Rectangle

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



87.1530, 76.1460, 51.7460



93.0720, 78.5860, -3.5100



85.6700, -70.3730, -29.7090



92.1000, -93.9900, -3.6700

Sweetspot

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



87.1530, 76.1460, 51.7460



208.4590, 30.1650, 20.5090



81.3250, 9.1570, 70.8610



99.9580, 18.1540, 12.4100



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.1530, 76.1460, 51.7460



86.5260, 118.5970, 80.8770



92.8680, 88.9890, 22.7250



90.4460, 4.6760, 3.3640



54.8650, 77.0170, 52.4810



11.2350, 15.8160, 10.7280

Inverse Universe

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



87.1530, 76.1460, 51.7460



86.5260, 118.5970, 80.8770



132.1320, -88.9890, -22.7250



90.4460, 4.6760, 3.3640



54.8650, 77.0170, 52.4810



11.2350, 15.8160, 10.7280

Previews

White Background



This preview shows how the YIQ color 87.1530, 76.1460, 51.7460 looks on a white background.

Color Contrast Check

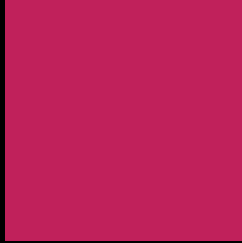
Large Text (above 18pt) WCAG AA ✓ Pass

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 87.1530, 76.1460, 51.7460 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 87.1530, 76.1460, 51.7460

Background



This preview shows how black text looks on a background with the YIQ color 87.1530, 76.1460, 51.7460.



This preview shows how white text looks on a background with the YIQ color 87.1530, 76.1460,

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

87.1530, 76.1460, 51.7460

Protanopia

102.6540, -10.4090, 6.9270

Deuteranopia

102.6830, 17.0100, 0.0980



Tritanopia

89.1700, 85.5030, 30.8390

Trichromacy



Original Color

87.1530, 76.1460, 51.7460

Protanomaly

96.9620, 21.4990, 23.3790

Deuteranomaly

97.0100, 38.7390, 19.3070

Tritanomaly

88.3580, 82.3380, 38.6420

Monochromacy



Original Color

87.1530, 76.1460, 51.7460

Achromatopsia

87.0000, -0.0000, -0.0000

Achromatomaly

86.7360, 27.8270, 18.8270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 87.1530, 76.1460, 51.7460 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(192, 33, 91)` looks like.

```
.text, #text, p{  
    color:rgb(192, 33, 91)  
}
```

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(192, 33, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 33, 91) }
```

Border

The CSS property to change the border of an element to YIQ 87.1530, 76.1460, 51.7460 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(192, 33, 91) }
```


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

```
.border{ border-color:rgb(192, 33, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 33, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 33, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 33, 91);  
box-shadow:4px 4px 4px 4px rgb(192, 33,  
91) }
```

Background

The CSS property to change the background color of an element to YIQ 87.1530, 76.1460, 51.7460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 33, 91) }
```

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

```
.background{ background-color: rgb(192, 33,  
91) }
```

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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