

Converting Colors

YIQ(86.9850, 102.9220, 51.0660)

Have a look what the booklet for
YIQ(86.9850, 102.9220, 51.0660)
contains.

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Color

**YIQ(86.9850, 102.9220,
51.0660)**

Conversions

Conversions Part 1

Format	Color
Hex	D91A3C
RGB	217, 26, 60
RGB Percent	85%, 10%, 24%
CMY	0.1485, 0.8983, 0.7643
CMYK	0.00, 0.88, 0.72, 0.15
HSL	349°, 79%, 48%
HSV	349°, 88%, 85%
XYZ	29.8372, 15.8328, 5.7719
YIQ	86.9850, 102.9220, 51.0660

Conversions

Conversions Part 2

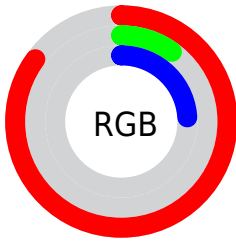
Format	Color
RYB	217, 26, 60
Decimal	14228028
CIELab	46.75, 69.32, 33.07
CIElCh	47, 76.805, 25.501
Yxy	15.8328, 0.5800, 0.3078
Android (android.graphics.Color)	4292418108 (0xFFD91A3C)
YUV	86.9850, -13.3036, 114.0232
Hunter-Lab	39.7905, 64.2160, 19.2528

Details

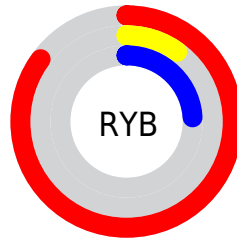
The YIQ color **86.9850, 102.9220, 51.0660** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **156.0150, -102.9220, -51.0660**, and the grayscale version is **87.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **145.3820, 90.9580, 36.6060**, and **47.9130, 85.0890, 38.3450** is the 20% darker color. If you saturate the color by 10%, you get **72.0190, 114.7500, 56.9740**, and if you desaturate by 10%, it is **101.9510, 91.0940, 45.1580**.

Distribution



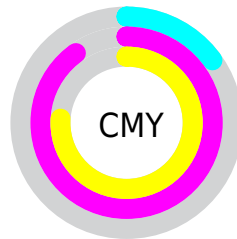
- Red (85%)
- Green (10%)
- Blue (24%)



- Red (85%)
- Yellow (10%)
- Blue (24%)



- Cyan (0%)
- Magenta (88%)
- Yellow (72%)
- Black (15%)





- Cyan (15%)
- Magenta (90%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 86.9850, 102.9220, 51.0660 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 86.9850, 102.9220, 51.0660 by changing the saturation by 10% instead.


 86.9850, 102.9220,
51.0660


 86.9850, 102.9220,
51.0660


255.0000, -0.0000,
-0.0000


 59.6470, 98.0620,
51.0380


 145.3820, 90.9580,
36.6060


 47.9130, 85.0890,
38.3450


 165.3690, 74.6370,
29.5250


 36.4780, 72.7120,
25.8640


 185.9430, 58.0410,
21.9210

 27.4370, 53.5940,
19.9140

 206.0440, 41.3990,
15.1510

 18.5810, 35.3930,
13.8650

 226.7320, 24.4820,
7.8580

 7.5890, 14.5790,
5.6110

 247.0610, 7.1980,

 0.0000, 0.0000,

1.7100

0.0000

■ 86.9850, 102.9220,
51.0660

■ 86.9850, 102.9220,
51.0660

■ 72.0190, 114.7500,
56.9740

■ 101.9510, 91.0940,
45.1580

■ 69.3290, 116.8130,
58.1330

■ 116.3300, 79.5410,
39.7730

■ 131.2960, 67.7130,
33.8650

■ 146.1480, 56.2060,
27.6460

■ 161.1140, 44.3780,
21.7380

■ 175.4930, 32.8250,
16.3530

■ 190.4590, 20.9970,
10.4450

■ 205.4250, 9.1690,
4.5370

■ 219.8040, -2.3840,
-0.8480

Harmonies

Analogous

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



78.6060, 89.2530, 84.0450



86.9850, 102.9220, 51.0660



100.8350, 92.6150, 1.0550

Triad

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



86.9850, 102.9220, 51.0660



81.0350, -44.9210, -61.4730



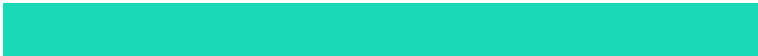
99.6750, -111.1860, 10.6220

Complementary

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



86.9850, 102.9220, 51.0660



156.0150, -102.9220, -51.0660

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.



103.5100, -106.8280, -2.2840



86.9850, 102.9220, 51.0660



91.7050, -69.4540, -40.8620

Square

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



86.9850, 102.9220, 51.0660



96.4200, 14.4510, -47.1570



99.8160, -90.9150, -20.8590



105.4590, -56.9510, 35.4410

Rectangle

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



86.9850, 102.9220, 51.0660



104.1920, 68.9600, -16.2880



99.8160, -90.9150, -20.8590



102.1540, -111.2770, 6.7630

Sweetspot

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



86.9850, 102.9220, 51.0660



210.1020, 35.4840, 17.7240



94.4180, 31.6650, 92.4730



100.7580, 21.5930, 10.6570



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.



86.9850, 102.9220, 51.0660



81.4890, 137.2140, 68.3660



118.3290, 97.3360, 9.1120



102.5170, 5.9140, 2.9540



55.2610, 93.1570, 46.3170



14.6660, 24.8480, 12.2400

Inverse Universe

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



86.9850, 102.9220, 51.0660



81.4890, 137.2140, 68.3660



124.6710, -97.3360, -9.1120



102.5170, 5.9140, 2.9540



55.2610, 93.1570, 46.3170



14.6660, 24.8480, 12.2400

Previews

White Background



This preview shows how the YIQ color 86.9850, 102.9220, 51.0660 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 86.9850, 102.9220, 51.0660 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 86.9850, 102.9220, 51.0660

Background



This preview shows how black text looks on a background with the YIQ color 86.9850, 102.9220, 51.0660.



This preview shows how white text looks on a background with the YIQ color 86.9850, 102.9220,

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

86.9850, 102.9220, 51.0660

Protanopia

111.3570, 11.8760, -5.9800

Deuteranopia

109.3690, 37.9650, -10.7310



Tritanopia

87.4890, 109.7100, 38.1740

Trichromacy



Original Color

86.9850, 102.9220, 51.0660

Protanomaly

102.7840, 45.0670, 14.7550

Deuteranomaly

101.1740, 61.3440, 11.6160

Tritanomaly

86.9820, 107.0040, 43.1640

Monochromacy



Original Color

86.9850, 102.9220, 51.0660

Achromatopsia

87.0000, -0.0000, -0.0000

Achromatomaly

86.9990, 37.2720, 18.3600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 86.9850, 102.9220, 51.0660 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, 26, 60)` looks like.

```
.text, #text, p{  
    color:rgb(217, 26, 60)  
}
```

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, 26, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 26, 60) }
```

Border

The CSS property to change the border of an element to YIQ 86.9850, 102.9220, 51.0660 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, 26, 60) }
```


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

```
.border{ border-color:rgb(217, 26, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 26, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 26, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 26, 60);  
box-shadow:4px 4px 4px 4px rgb(217, 26,  
60) }
```

Background

The CSS property to change the background color of an element to YIQ 86.9850, 102.9220, 51.0660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 26, 60) }
```

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

```
.background{ background-color: rgb(217, 26,  
60) }
```

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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