

Converting Colors

YIQ(77.9150, 30.0220, 50.6460)

Have a look what the booklet for
YIQ(77.9150, 30.0220, 50.6460)
contains.

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Color

**YIQ(77.9150, 30.0220,
50.6460)**

Conversions

Conversions Part 1

Format	Color
Hex	8A2583
RGB	138, 37, 131
RGB Percent	54%, 15%, 51%
CMY	0.4585, 0.8550, 0.4862
CMYK	0.00, 0.73, 0.05, 0.46
HSL	304°, 58%, 34%
HSV	304°, 73%, 54%
XYZ	15.2516, 8.3693, 22.2885
YIQ	77.9150, 30.0220, 50.6460

Conversions

Conversions Part 2

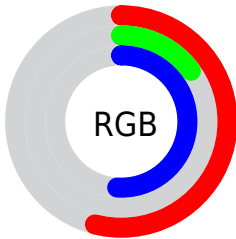
Format	Color
R_{YB}	138, 37, 131
Decimal	9053571
CIE _{Lab}	34.74, 53.00, -30.39
CIE _{LCh}	35, 61.089, 330.171
Yxy	8.3693, 0.3322, 0.1823
Android (android.graphics.Color)	4287243651 (0xFF8A2583)
YUV	77.9150, 26.1709, 52.6945
Hunter-Lab	28.9297, 43.4774, -25.4283

Details

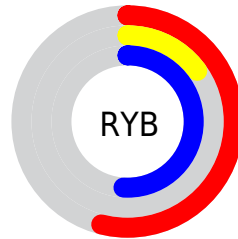
The YIQ color **77.9150, 30.0220, 50.6460** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **97.0850, -30.0220, -50.6460**, and the grayscale version is **78.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **132.9860, 31.2600, 50.2360**, and **34.3500, 24.0630, 42.9990** is the 20% darker color. If you saturate the color by 10%, you get **69.5830, 34.1930, 57.6570**, and if you desaturate by 10%, it is **86.2470, 25.8510, 43.6350**.

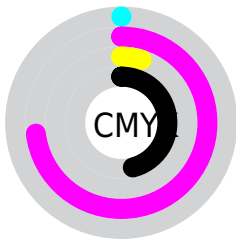
Distribution



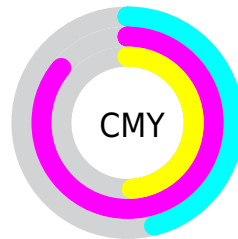
- Red (54%)
- Green (15%)
- Blue (51%)



- Red (54%)
- Yellow (15%)
- Blue (51%)



- Cyan (0%)
- Magenta (73%)
- Yellow (5%)
- Black (46%)





- Cyan (46%)
- Magenta (86%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 77.9150, 30.0220, 50.6460 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 77.9150, 30.0220, 50.6460 by changing the saturation by 10% instead.

 77.9150, 30.0220,
50.6460


 77.9150, 30.0220,
50.6460


255.0000, -0.0000,
-0.0000


 45.2730, 32.1300,
56.4980


 132.9860, 31.2600,
50.2360


 34.3500, 24.0630,
42.9990


 160.6980, 32.1310,
50.9710


 24.2530, 16.5460,
30.5460


 188.8230, 33.2770,
52.2290

 14.2700, 8.7080,
18.4040

 207.4530, 22.2750,
42.3630

 1.1400, -3.2100,
3.1100

 224.4760, 14.3000,
27.1960

 0.0000, 0.0000,
0.0000

 240.9120, 6.6000,

12.5520

■ 77.9150, 30.0220,
50.6460

■ 77.9150, 30.0220,
50.6460

■ 69.5830, 34.1930,
57.6570

■ 86.2470, 25.8510,
43.6350

■ 61.2510, 38.3640,
64.6680

■ 94.5790, 21.6800,
36.6240

■ 55.8540, 41.1600,
69.0640

■ 102.3240, 17.7840,
30.1360

■ 110.6560, 13.6130,
23.1250

■ 118.9880, 9.4420,
16.1140

■ 127.3200, 5.2710,
9.1030

■ 135.6520, 1.1000,
2.0920

■ 143.3970, -2.7960,
-4.3960

■ 151.7290, -6.9670,
-11.4070

Harmonies

Analogous

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



80.7810, -28.7990, 31.8490



77.9150, 30.0220, 50.6460



58.3130, 70.1840, 60.6800

Triad

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



77.9150, 30.0220, 50.6460



76.8600, 37.6000, -20.6400



74.6940, -69.7800, -12.9160

Complementary

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



77.9150, 30.0220, 50.6460



97.0850, -30.0220, -50.6460

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.



69.1080, -54.0510, -28.1550



77.9150, 30.0220, 50.6460



69.2530, 5.0960, -37.3040

Square

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



77.9150, 30.0220, 50.6460



75.5960, 65.4270, -1.8130



61.3050, -36.2130, -43.0690



76.5640, -80.5570, 0.6830

Rectangle

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



77.9150, 30.0220, 50.6460



62.0080, 77.7520, 44.6640



61.3050, -36.2130, -43.0690



72.8700, -64.6440, -17.8920

Sweetspot

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



77.9150, 30.0220, 50.6460



155.1780, 11.9630, 19.9870



50.6070, -28.2490, 32.8950



75.3850, 6.6460, 11.7180



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



77.9150, 30.0220, 50.6460



85.0000, 46.9810, 79.2130



72.2150, 46.0720, 35.0960



64.7770, 2.2460, 3.3500



53.7890, 39.7850, 66.4490



2.0650, 1.3750, 2.6150

Inverse Universe

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



77.9150, 30.0220, 50.6460



85.0000, 46.9810, 79.2130



102.7850, -46.0720, -35.0960



64.7770, 2.2460, 3.3500



53.7890, 39.7850, 66.4490



2.0650, 1.3750, 2.6150

Previews

White Background



This preview shows how the YIQ color 77.9150, 30.0220, 50.6460 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

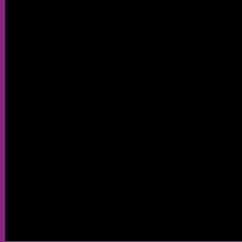
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 77.9150, 30.0220, 50.6460

Background



This preview shows how black text looks on a background with the YIQ color 77.9150, 30.0220, 50.6460.



This preview shows how white text looks on a background with the YIQ color 77.9150, 30.0220,

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

77.9150, 30.0220, 50.6460

Protanopia

66.3400, -76.5700, 11.0300

Deuteranopia

81.4060, -24.2100, 9.2460



Tritanopia

81.6850, 41.0320, 16.2960

Trichromacy



Original Color

77.9150, 30.0220, 50.6460

Protanomaly

70.3020, -37.8760, 25.6440

Deuteranomaly

80.4290, -4.6810, 24.2710

Tritanomaly

80.6220, 37.3160, 28.5800

Monochromacy



Original Color

77.9150, 30.0220, 50.6460

Achromatopsia

78.0000, -0.0000, -0.0000

Achromatomaly

77.9390, 11.1380, 18.4180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 77.9150, 30.0220, 50.6460 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(138, 37, 131)` looks like.

```
.text, #text, p{  
    color:rgb(138, 37, 131)  
}
```

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(138, 37, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 37, 131) }
```

Border

The CSS property to change the border of an element to YIQ 77.9150, 30.0220, 50.6460 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(138, 37, 131) }
```


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

```
.border{ border-color:rgb(138, 37, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 37, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 37, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 37, 131);  
box-shadow:4px 4px 4px 4px rgb(138, 37,  
131) }
```

Background

The CSS property to change the background color of an element to YIQ 77.9150, 30.0220, 50.6460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 37, 131) }
```

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

```
.background{ background-color: rgb(138, 37,  
131) }
```

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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