

Converting Colors

YIQ(76.6220, 100.3510, 70.1350)

Have a look what the booklet for
YIQ(76.6220, 100.3510, 70.1350)
contains.

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Color

**YIQ(76.6220, 100.3510,
70.1350)**

Conversions

Conversions Part 1

Format	Color
Hex	D80455
RGB	216, 4, 85
RGB Percent	85%, 2%, 33%
CMY	0.1524, 0.9845, 0.6663
CMYK	0.00, 0.98, 0.61, 0.15
HSL	337°, 96%, 43%
HSV	337°, 98%, 85%
XYZ	30.0463, 15.3626, 9.9938
YIQ	76.6220, 100.3510, 70.1350

Conversions

Conversions Part 2

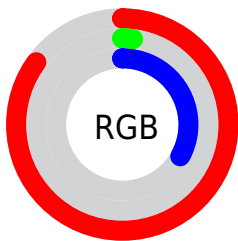
Format	Color
RYB	216, 4, 85
Decimal	14156885
CIELab	46.13, 72.82, 16.90
CIELCh	46, 74.754, 13.065
Yxy	15.3626, 0.5423, 0.2773
Android (android.graphics.Color)	4292346965 (0xFFD80455)
YUV	76.6220, 4.1304, 122.2345
Hunter-Lab	39.1952, 68.2430, 12.3191

Details

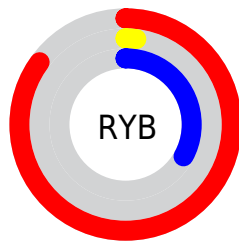
The YIQ color **76.6220, 100.3510, 70.1350** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **143.3780, -100.3510, -70.1350**, and the grayscale version is **77.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **144.9380, 83.9410, 48.1410**, and **50.4210, 78.0270, 45.1870** is the 20% darker color. If you saturate the color by 10%, you get **74.0460, 102.0930, 71.6050**, and if you desaturate by 10%, it is **91.0180, 90.1280, 62.6720**.

Distribution



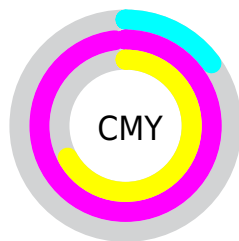
- Red (85%)
- Green (2%)
- Blue (33%)



- Red (85%)
- Yellow (2%)
- Blue (33%)



- Cyan (0%)
- Magenta (98%)
- Yellow (61%)
- Black (15%)





- Cyan (15%)
- Magenta (98%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 76.6220, 100.3510, 70.1350 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 76.6220, 100.3510, 70.1350 by changing the saturation by 10% instead.


 76.6220, 100.3510,
70.1350


 76.6220, 100.3510,
70.1350


255.0000, -0.0000,
-0.0000


 62.3830, 90.3580,
58.5020


 144.9380, 83.9410,
48.1410


 50.4210, 78.0270,
45.1870


 165.5120, 67.3450,
40.5370


 38.8720, 65.9710,
32.3950


 186.2000, 50.4280,
33.2440

 27.7360, 54.1900,
20.1260

 206.4150, 33.4650,
26.7850

 18.8800, 35.9890,
14.0770

 227.2170, 16.2270,
19.8030

 7.8880, 15.1750,
5.8230

 246.1950, 4.1250,

 0.0000, 0.0000,

7.8450

0.0000

■ 76.6220, 100.3510,
70.1350

■ 76.6220, 100.3510,
70.1350

■ 74.0460, 102.0930,
71.6050

■ 91.0180, 90.1280,
62.6720

■ 104.9410, 79.8590,
56.0430

■ 119.3370, 69.6360,
48.5800

■ 133.1460, 59.6880,
41.6400

■ 147.6560, 49.1440,
34.4880

■ 162.0520, 38.9210,
27.0250

■ 175.9750, 28.6520,
20.3960

■ 190.3710, 18.4290,
12.9330

■ 204.1800, 8.4810,
5.9930

Harmonies

Analogous

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



93.8800, 64.6340, 73.1620



76.6220, 100.3510, 70.1350



96.3540, 96.1880, 18.9080

Triad

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



76.6220, 100.3510, 70.1350



79.0340, -25.9850, -63.2410



100.7690, -108.7550, 5.1090

Complementary

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



76.6220, 100.3510, 70.1350



143.3780, -100.3510, -70.1350

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.



100.7740, -99.1240, -9.7480



76.6220, 100.3510, 70.1350



86.0510, -59.0450, -47.7890

Square

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



76.6220, 100.3510, 70.1350



99.7970, 32.7430, -37.2490



95.3360, -81.0560, -28.8320



89.9580, -104.4930, 15.9790

Rectangle

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



76.6220, 100.3510, 70.1350



101.3450, 82.0710, -6.0970



95.3360, -81.0560, -28.8320



101.6180, -107.0120, 1.0520

Sweetspot

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



76.6220, 100.3510, 70.1350



206.3180, 35.1160, 24.3960



67.3370, 10.0240, 93.7040



98.3930, 21.3630, 14.8270



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.



76.6220, 100.3510, 70.1350



87.3030, 120.8430, 84.2270



82.0630, 119.4770, 31.8690



99.7450, 5.2720, 3.5760



58.5390, 81.0510, 56.4670



14.7950, 20.1710, 14.4030

Inverse Universe

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



76.6220, 100.3510, 70.1350



87.3030, 120.8430, 84.2270



137.9370, -119.4770, -31.8690



99.7450, 5.2720, 3.5760



58.5390, 81.0510, 56.4670



14.7950, 20.1710, 14.4030

Previews

White Background



This preview shows how the YIQ color 76.6220, 100.3510, 70.1350 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



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 76.6220, 100.3510, 70.1350

Background



This preview shows how black text looks on a background with the YIQ color 76.6220, 100.3510, 70.1350.



This preview shows how white text looks on a background with the YIQ color 76.6220, 100.3510,

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

76.6220, 100.3510, 70.1350

Protanopia

111.2970, -5.0900, 4.1420

Deuteranopia

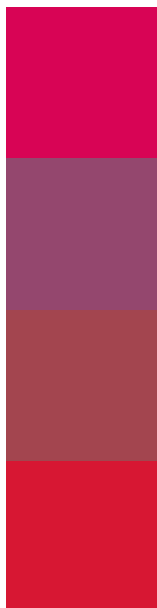
110.6530, 25.7220, -3.6060



Tritanopia

87.5920, 107.9220, 37.5380

Trichromacy



Original Color

76.6220, 100.3510, 70.1350

Protanomaly

98.4690, 33.3730, 28.4530

Deuteranomaly

98.2460, 52.8140, 23.0380

Tritanomaly

83.6000, 105.4440, 49.4120

Monochromacy



Original Color

76.6220, 100.3510, 70.1350

Achromatopsia

77.0000, -0.0000, -0.0000

Achromatomaly

76.7420, 36.8580, 25.8660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 76.6220, 100.3510, 70.1350 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(216, 4, 85)` looks like.

```
.text, #text, p{  
    color:rgb(216, 4, 85)  
}
```

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(216, 4, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 4, 85) }
```

Border

The CSS property to change the border of an element to YIQ 76.6220, 100.3510, 70.1350 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(216, 4, 85) }
```


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

```
.border{ border-color:rgb(216, 4, 85) }
```

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

Here you see how a box with a 4 pixel rgb(216, 4, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 4, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 4, 85);  
box-shadow:4px 4px 4px 4px rgb(216, 4, 85)  
}
```

Background

The CSS property to change the background color of an element to YIQ 76.6220, 100.3510, 70.1350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 4, 85) }
```

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

```
.background{ background-color: rgb(216, 4,  
85) }
```

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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