

Converting Colors

YIQ(75.5780, 76.1470, 46.2190)

Have a look what the booklet for
YIQ(75.5780, 76.1470, 46.2190)
contains.

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Color

**YIQ(75.5780, 76.1470,
46.2190)**

Conversions

Conversions Part 1

Format	Color
Hex	B11946
RGB	177, 25, 70
RGB Percent	69%, 10%, 27%
CMY	0.3055, 0.9021, 0.7252
CMYK	0.00, 0.86, 0.60, 0.31
HSL	342°, 75%, 40%
HSV	342°, 86%, 69%
XYZ	19.6080, 10.4944, 6.7978
YIQ	75.5780, 76.1470, 46.2190

Conversions

Conversions Part 2

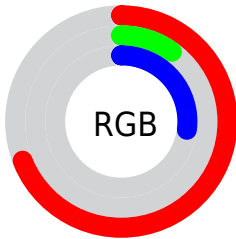
Format	Color
RYB	177, 25, 70
Decimal	11606342
CIELab	38.72, 59.60, 15.00
CIElCh	39, 61.454, 14.124
Yxy	10.4944, 0.5314, 0.2844
Android (android.graphics.Color)	4289796422 (0xFFB11946)
YUV	75.5780, -2.7500, 88.9471
Hunter-Lab	32.3950, 51.3509, 10.2351

Details

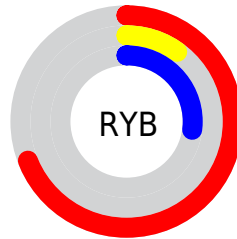
The YIQ color **75.5780, 76.1470, 46.2190** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **126.4220, -76.1470, -46.2190**, and the grayscale version is **76.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **136.8570, 79.4950, 40.6070**, and **38.1750, 60.7440, 33.5120** is the 20% darker color. If you saturate the color by 10%, you get **63.6440, 84.9490, 51.9010**, and if you desaturate by 10%, it is **87.6260, 67.0240, 40.8480**.

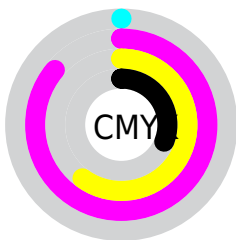
Distribution



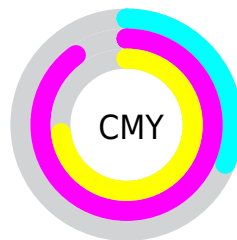
- Red (69%)
- Green (10%)
- Blue (27%)



- Red (69%)
- Yellow (10%)
- Blue (27%)



- Cyan (0%)
- Magenta (86%)
- Yellow (60%)
- Black (31%)





- Cyan (31%)
- Magenta (90%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 75.5780, 76.1470, 46.2190 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 75.5780, 76.1470, 46.2190 by changing the saturation by 10% instead.


 75.5780, 76.1470,
46.2190

 75.5780, 76.1470,
46.2190


255.0000, -0.0000,
-0.0000

 49.4250, 72.2040,
46.0920


 136.8570, 79.4950,
40.6070


 38.1750, 60.7440,
33.5120


 161.3400, 73.5810,
37.6530


 26.3120, 52.4480,
18.6560

 180.7400, 57.5350,
31.0950

 18.2820, 34.7970,
13.6530

 200.8410, 40.8930,
24.3250

 6.8770, 13.7080,
4.8760

 221.0560, 23.9300,
17.8660

 0.0000, 0.0000,
0.0000

 241.3850, 6.6460,

11.7180

■ 75.5780, 76.1470,
46.2190

■ 75.5780, 76.1470,
46.2190

■ 63.6440, 84.9490,
51.9010

■ 87.6260, 67.0240,
40.8480

■ 58.9650, 88.4790,
54.0070

■ 98.9730, 58.4970,
35.6890

■ 110.9070, 49.6950,
30.0070

■ 122.9550, 40.5720,
24.6360

■ 134.8890, 31.7700,
18.9540

■ 146.3500, 22.9220,
14.1060

■ 158.2840, 14.1200,
8.4240

■ 170.3320, 4.9970,
3.0530

■ 181.6790, -3.5300,
-2.1060

Harmonies

Analogous

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



82.3860, 50.7450, 55.0410



75.5780, 76.1470, 46.2190



82.5410, 76.4280, 13.5800

Triad

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



75.5780, 76.1470, 46.2190



68.5010, -16.6340, -50.9860



83.0670, -89.2230, 3.5530

Complementary

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



75.5780, 76.1470, 46.2190



126.4220, -76.1470, -46.2190

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.



83.3970, -81.8850, -8.2930



75.5780, 76.1470, 46.2190



72.2250, -50.4270, -38.7710

Square

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



75.5780, 76.1470, 46.2190



83.2620, 27.2400, -31.1280



79.3270, -67.6690, -23.6450



74.3760, -85.4190, 11.7090

Rectangle

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



75.5780, 76.1470, 46.2190



85.0320, 66.8950, -6.3930



79.3270, -67.6690, -23.6450



84.0300, -87.8010, -0.1930

Sweetspot

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



75.5780, 76.1470, 46.2190



189.9920, 29.9820, 18.3180



74.0220, 14.3840, 69.7440



91.0180, 17.9250, 11.0530



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



75.5780, 76.1470, 46.2190



76.5220, 115.2520, 69.9080



88.0580, 82.3420, 16.5340



83.0330, 4.4010, 2.8410



50.8770, 76.7430, 46.4310



8.6860, 12.9280, 8.0000

Inverse Universe

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



75.5780, 76.1470, 46.2190



76.5220, 115.2520, 69.9080



113.9420, -82.3420, -16.5340



83.0330, 4.4010, 2.8410



50.8770, 76.7430, 46.4310



8.6860, 12.9280, 8.0000

Previews

White Background



This preview shows how the YIQ color 75.5780, 76.1470, 46.2190 looks on a white background.

Color Contrast Check

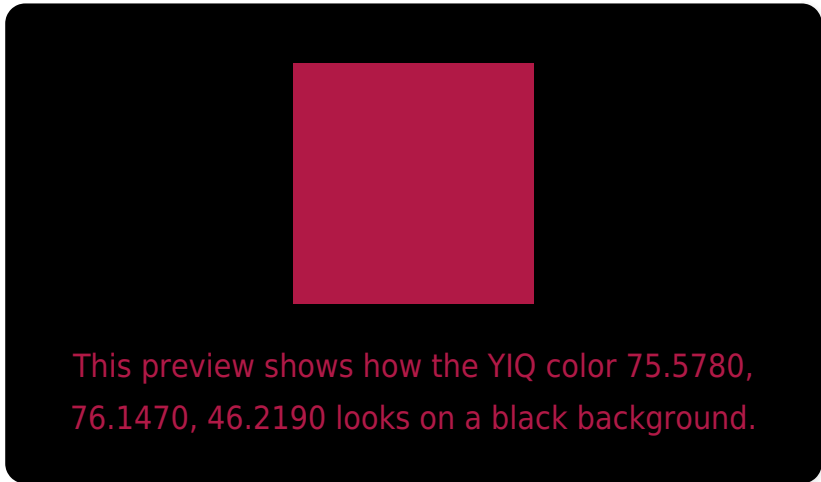
Large Text (above 18pt) WCAG AA ✓ Pass

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

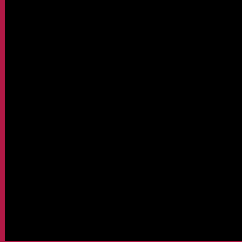
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 75.5780, 76.1470, 46.2190

Background



This preview shows how black text looks on a background with the YIQ color 75.5780, 76.1470, 46.2190.



This preview shows how white text looks on a background with the YIQ color 75.5780, 76.1470,

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

75.5780, 76.1470, 46.2190

Protanopia

92.7980, -2.2470, 2.1770

Deuteranopia

92.6140, 21.4580, -3.4220



Tritanopia

77.1590, 84.0360, 29.8920

Trichromacy



Original Color

75.5780, 76.1470, 46.2190

Protanomaly

86.7250, 26.3600, 17.8800

Deuteranomaly

86.6310, 41.1240, 14.6280

Tritanomaly

76.2930, 80.9630, 36.0270

Monochromacy



Original Color

75.5780, 76.1470, 46.2190

Achromatopsia

76.0000, -0.0000, -0.0000

Achromatomaly

75.6820, 27.9190, 17.1590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 75.5780, 76.1470, 46.2190 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(177, 25, 70)` looks like.

```
.text, #text, p{  
    color:rgb(177, 25, 70)  
}
```

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(177, 25, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 25, 70) }
```

Border

The CSS property to change the border of an element to YIQ 75.5780, 76.1470, 46.2190 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(177, 25, 70) }
```


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

```
.border{ border-color:rgb(177, 25, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 25, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 25, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 25, 70);  
box-shadow:4px 4px 4px 4px rgb(177, 25,  
70) }
```

Background

The CSS property to change the background color of an element to YIQ 75.5780, 76.1470, 46.2190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 25, 70) }
```

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

```
.background{ background-color: rgb(177, 25,  
70) }
```

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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