

Converting Colors

YIQ(72.4470, -13.1190, 34.0250)

Have a look what the booklet for
YIQ(72.4470, -13.1190, 34.0250)
contains.

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Color

**YIQ(72.4470, -13.1190,
34.0250)**

Conversions

Conversions Part 1

Format	Color
Hex	513691
RGB	81, 54, 145
RGB Percent	32%, 21%, 57%
CMY	0.6822, 0.7883, 0.4315
CMYK	0.44, 0.63, 0.00, 0.43
HSL	258°, 46%, 39%
HSV	258°, 63%, 57%
XYZ	9.8231, 6.4314, 27.4991
YIQ	72.4470, -13.1190, 34.0250

Conversions

Conversions Part 2

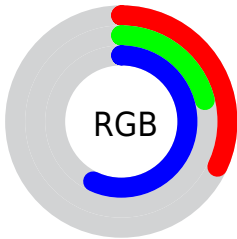
Format	Color
RYB	81, 54, 145
Decimal	5322385
CIELab	30.48, 34.32, -46.29
CIElCh	30, 57.622, 306.551
Yxy	6.4314, 0.2245, 0.1470
Android (android.graphics.Color)	4283512465 (0xFF513691)
YUV	72.4470, 35.7686, 7.5010
Hunter-Lab	25.3601, 24.7604, -46.5386

Details

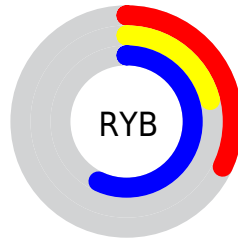
The YIQ color **72.4470, -13.1190, 34.0250** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **126.5530, 13.1190, -34.0250**, and the grayscale version is **72.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **123.0390, -11.7900, 37.4740**, and **23.4740, -17.7490, 29.8270** is the 20% darker color. If you saturate the color by 10%, you get **60.6520, -14.9540, 39.7500**, and if you desaturate by 10%, it is **83.6550, -11.0090, 28.8230**.

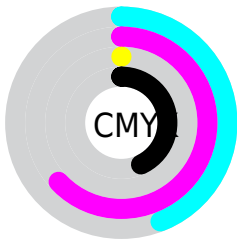
Distribution



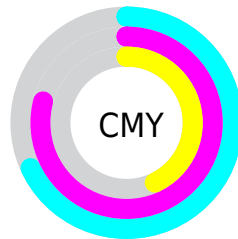
- Red (32%)
- Green (21%)
- Blue (57%)



- Red (32%)
- Yellow (21%)
- Blue (57%)



- Cyan (44%)
- Magenta (63%)
- Yellow (0%)
- Black (43%)



- Cyan (68%)
- Magenta (79%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 72.4470, -13.1190, 34.0250 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 72.4470, -13.1190, 34.0250 by changing the saturation by 10% instead.

72.4470, -13.1190,
34.0250

72.4470, -13.1190,
34.0250

255.0000, -0.0000,
-0.0000

47.9090, -14.5400,
32.2440

123.0390,
-11.7900, 37.4740

23.4740, -17.7490,
29.8270

149.8650,
-11.2400, 38.5200

7.8660, -22.1490,
21.4590

176.5770,
-10.3690, 39.2550

7.5920, -15.8660,
12.2140

200.7980, -1.1060,
31.0700

3.3230, -7.9790,
6.9410

226.2040, 9.0740,
22.7860

0.0000, 0.0000,
0.0000

244.4340, 4.9500,

9.4140

■ 72.4470, -13.1190,
34.0250

■ 72.4470, -13.1190,
34.0250

■ 60.6520, -14.9540,
39.7500

■ 83.6550, -11.0090,
28.8230

■ 49.4440, -17.0640,
44.9520

■ 95.4500, -9.1740,
23.0980

■ 37.3500, -19.4950,
50.4650

■ 106.9570, -6.4680,
18.1080

■ 29.3870, -20.9170,
54.2110

■ 118.7520, -4.6330,
12.3830

■ 129.9600, -2.5230,
7.1810

■ 141.7550, -0.6880,
1.4560

■ 152.9630, 1.4220,
-3.7460

■ 165.0570, 3.8530,
-9.2590

■ 176.2650, 5.9630,
-14.4610

Harmonies

Analogous

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



62.4930, -72.6270, 11.1570



72.4470, -13.1190, 34.0250



63.8080, 37.6330, 50.3770

Triad

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



72.4470, -13.1190, 34.0250



66.9690, 54.0110, -4.1730



62.0640, -50.7510, -21.8790

Complementary

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



72.4470, -13.1190, 34.0250



126.5530, 13.1190, -34.0250

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.



55.4180, -34.7930, -35.7610



72.4470, -13.1190, 34.0250



66.7710, 27.6050, -21.2190

Square

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



72.4470, -13.1190, 34.0250



59.9890, 69.5950, 21.7790



57.0930, -6.1370, -37.4730



67.0800, -64.8750, -8.1950

Rectangle

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



72.4470, -13.1190, 34.0250



52.3610, 61.0610, 55.3090



57.0930, -6.1370, -37.4730



60.2400, -45.6150, -26.8550

Sweetspot

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



72.4470, -13.1190, 34.0250



160.3930, -5.0000, 13.5280



102.5290, -47.0860, -5.6940



77.1880, -3.1650, 7.8030



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



72.4470, -13.1190, 34.0250



75.7460, -20.5500, 53.0660



85.6030, 13.1050, 43.3530



65.3960, -1.0550, 2.6010



27.3500, -19.4950, 50.4650



1.5100, -1.3760, 2.9120

Inverse Universe

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



88.5050, 33.6920, 39.1960



100.8580, 52.5320, 61.2040



113.3970, -13.1050, -43.3530



66.6630, 2.5670, 3.0390



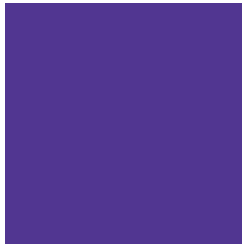
51.1950, 49.9650, 58.1650



2.9620, 3.1630, 3.2510

Previews

White Background



This preview shows how the YIQ color 72.4470, -13.1190, 34.0250 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



This preview shows how the YIQ color 72.4470, -13.1190, 34.0250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

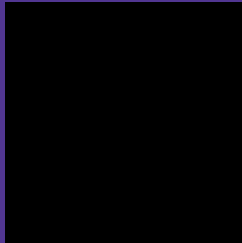
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 72.4470, -13.1190, 34.0250

Background



This preview shows how black text looks on a background with the YIQ color 72.4470, -13.1190, 34.0250.



This preview shows how white text looks on a background with the YIQ color 72.4470, -13.1190,

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

72.4470, -13.1190, 34.0250

Protanopia

57.2610, -66.1620, 9.6300

Deuteranopia

58.0300, -61.4380, 1.1060



Tritanopia

71.2920, -6.6940, 0.1700

Trichromacy



Original Color

72.4470, -13.1190, 34.0250

Protanomaly

62.8830, -47.1820, 18.0820

Deuteranomaly

63.2760, -44.1550, 12.7810

Tritanomaly

71.7130, -8.8970, 12.5670

Monochromacy



Original Color

72.4470, -13.1190, 34.0250

Achromatopsia

72.0000, -0.0000, 0.0000

Achromatomaly

71.8660, -4.9540, 12.6940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 72.4470, -13.1190, 34.0250 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(81, 54, 145)` looks like.

```
.text, #text, p{  
    color:rgb(81, 54, 145)  
}
```

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(81, 54, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 54, 145) }
```

Border

The CSS property to change the border of an element to YIQ 72.4470, -13.1190, 34.0250 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(81, 54, 145) }
```


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

```
.border{ border-color:rgb(81, 54, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 54, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 54, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 54, 145);  
box-shadow:4px 4px 4px 4px rgb(81, 54,  
145) }
```

Background

The CSS property to change the background color of an element to YIQ 72.4470, -13.1190, 34.0250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 54, 145) }
```

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

```
.background{ background-color: rgb(81, 54,  
145) }
```

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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