

Converting Colors

YIQ(64.3530, 64.6800, 72.3280)

Have a look what the booklet for
YIQ(64.3530, 64.6800, 72.3280)
contains.

YIQ(64.3530, 64.6800, 72.3280)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(64.3530, 64.6800,
72.3280)**

Conversions

Conversions Part 1

Format	Color
Hex	AB0074
RGB	171, 0, 116
RGB Percent	67%, 0%, 45%
CMY	0.3289, 0.9999, 0.5449
CMYK	0.00, 1.00, 0.32, 0.33
HSL	319°, 100%, 34%
HSV	319°, 100%, 67%
XYZ	19.9761, 9.9336, 17.4005
YIQ	64.3530, 64.6800, 72.3280

Conversions

Conversions Part 2

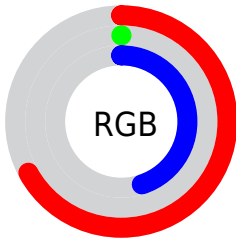
Format	Color
RYB	171, 0, 116
Decimal	11206772
CIELab	37.72, 65.71, -15.91
CIElCh	38, 67.610, 346.392
Yxy	9.9336, 0.4222, 0.2100
Android (android.graphics.Color)	4289396852 (0xFFAB0074)
YUV	64.3530, 25.4620, 93.5294
Hunter-Lab	31.5176, 57.9787, -10.6710

Details

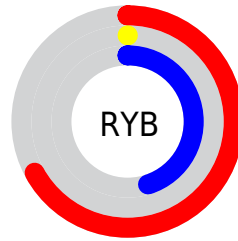
The YIQ color **64.3530, 64.6800, 72.3280** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **106.6470, -64.6800, -72.3280**, and the grayscale version is **64.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **135.7680, 61.4730, 58.8570**, and **41.5390, 45.5200, 45.1040** is the 20% darker color. If you saturate the color by 10%, you get **64.3530, 64.6800, 72.3280**, and if you desaturate by 10%, it is **75.0160, 58.0790, 65.3030**.

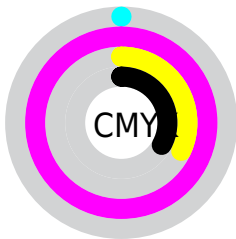
Distribution



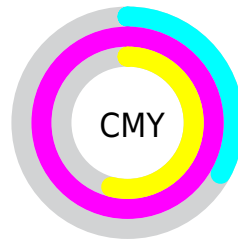
- Red (67%)
- Green (0%)
- Blue (45%)



- Red (67%)
- Yellow (0%)
- Blue (45%)



- Cyan (0%)
- Magenta (100%)
- Yellow (32%)
- Black (33%)





- Cyan (33%)
- Magenta (100%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 64.3530, 64.6800, 72.3280 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 64.3530, 64.6800, 72.3280 by changing the saturation by 10% instead.


 64.3530, 64.6800,
72.3280


 64.3530, 64.6800,
72.3280


255.0000, -0.0000,
-0.0000


 52.8320, 55.4210,
58.4050


 135.7680, 61.4730,
58.8570


 41.5390, 45.5200,
45.1040


 163.0450, 59.1350,
57.1750


 30.5450, 36.2150,
32.0150

 183.2600, 42.1720,
50.7160

 20.4910, 27.1390,
20.2830

 203.5890, 24.8880,
44.5680

 7.8880, 15.1750,
5.8230

 220.9540, 15.9500,
30.3340

 0.0000, 0.0000,
0.0000

 237.9770, 7.9750,

15.1670

■ 64.3530, 64.6800,
72.3280

■ 75.0160, 58.0790,
65.3030

■ 85.5650, 51.7990,
57.9670

■ 96.2280, 45.1980,
50.9420

■ 106.7770, 38.9180,
43.6060

■ 118.0270, 32.0420,
36.0580

■ 128.5760, 25.7620,
28.7220

■ 139.2390, 19.1610,
21.6970

■ 149.7880, 12.8810,
14.3610

■ 160.4510, 6.2800,
7.3360

Harmonies

Analogous

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



89.3560, 6.7310, 48.7390



64.3530, 64.6800, 72.3280



61.1870, 87.9740, 57.6540

Triad

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



64.3530, 64.6800, 72.3280



80.2830, 22.7470, -32.3010



83.7220, -84.1780, -5.2820

Complementary

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



64.3530, 64.6800, 72.3280



106.6470, -64.6800, -72.3280

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.



78.6090, -68.4030, -21.3550



64.3530, 64.6800, 72.3280



61.6350, -28.8750, -54.9150

Square

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



64.3530, 64.6800, 72.3280



83.7700, 55.7090, -12.9230



71.5240, -49.8310, -38.5590



82.8050, -91.2410, 7.0870

Rectangle

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



64.3530, 64.6800, 72.3280



73.7630, 85.0910, 27.2910



71.5240, -49.8310, -38.5590



82.5990, -79.6380, -10.4700

Sweetspot

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



64.3530, 64.6800, 72.3280



180.1630, 25.4870, 28.1990



35.6400, -22.7070, 64.6290



87.0380, 15.1730, 16.8770



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



64.3530, 64.6800, 72.3280



83.4780, 84.1620, 93.7140



54.6630, 91.9650, 45.8930



81.3750, 3.4380, 3.7740



56.4780, 56.6580, 63.5220



8.7010, 8.5720, 9.8520

Inverse Universe

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



64.3530, 64.6800, 72.3280



83.4780, 84.1620, 93.7140



116.3370, -91.9650, -45.8930



81.3750, 3.4380, 3.7740



56.4780, 56.6580, 63.5220



8.7010, 8.5720, 9.8520

Previews

White Background



This preview shows how the YIQ color 64.3530, 64.6800, 72.3280 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 64.3530, 64.6800, 72.3280

Background



This preview shows how black text looks on a background with the YIQ color 64.3530, 64.6800, 72.3280.



This preview shows how white text looks on a background with the YIQ color 64.3530, 64.6800,

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

64.3530, 64.6800, 72.3280

Protanopia

87.3130, -45.5770, 16.5270

Deuteranopia

92.0630, -4.3110, 6.5450



Tritanopia

82.4070, 71.4740, 26.2740

Trichromacy



Original Color

64.3530, 64.6800, 72.3280



Protanomaly

79.3340, -5.3710, 36.7810



Deuteranomaly

82.2920, 20.8100, 30.3620



Tritanomaly

75.5770, 68.7200, 43.1520

Monochromacy



Original Color

64.3530, 64.6800, 72.3280



Achromatopsia

64.0000, -0.0000, -0.0000



Achromatomaly

64.3260, 23.4700, 26.2060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 64.3530, 64.6800, 72.3280 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(171, 0, 116)` looks like.

```
.text, #text, p{  
    color:rgb(171, 0, 116)  
}
```

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(171, 0, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 0, 116) }
```

Border

The CSS property to change the border of an element to YIQ 64.3530, 64.6800, 72.3280 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(171, 0, 116) }
```


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

```
.border{ border-color:rgb(171, 0, 116) }
```

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

Here you see how a box with a 4 pixel rgb(171, 0, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 0, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 0, 116);  
box-shadow:4px 4px 4px 4px rgb(171, 0,  
116) }
```

Background

The CSS property to change the background color of an element to YIQ 64.3530, 64.6800, 72.3280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 0, 116) }
```

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

```
.background{ background-color: rgb(171, 0,  
116) }
```

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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