

Converting Colors

YIQ(71.8800, 108.1920, 65.6960)

Have a look what the booklet for
YIQ(71.8800, 108.1920, 65.6960)
contains.

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Color

**YIQ(71.8800, 108.1920,
65.6960)**

Conversions

Conversions Part 1

Format	Color
Hex	D80040
RGB	216, 0, 64
RGB Percent	85%, 0%, 25%
CMY	0.1524, 0.9998, 0.7486
CMYK	0.00, 1.00, 0.70, 0.15
HSL	342°, 100%, 42%
HSV	342°, 100%, 85%
XYZ	29.2888, 14.9917, 6.2149
YIQ	71.8800, 108.1920, 65.6960

Conversions

Conversions Part 2

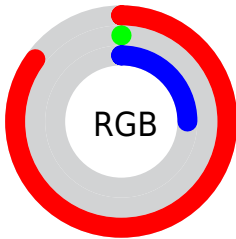
Format	Color
R_{YB}	216, 0, 64
Decimal	14155840
CIE _{Lab}	45.62, 72.11, 29.24
CIE _{LCh}	46, 77.808, 22.074
Yxy	14.9917, 0.5800, 0.2969
Android (android.graphics.Color)	4292345920 (0xFFD80040)
YUV	71.8800, -3.8848, 126.3932
Hunter-Lab	38.7191, 67.2666, 17.5865

Details

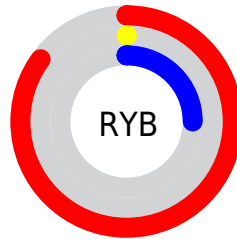
The YIQ color **71.8800, 108.1920, 65.6960** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **144.1200, -108.1920, -65.6960**, and the grayscale version is **72.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **141.1420, 91.8740, 42.0340**, and **48.0700, 83.2090, 39.3770** is the 20% darker color. If you saturate the color by 10%, you get **71.8800, 108.1920, 65.6960**, and if you desaturate by 10%, it is **86.5040, 97.3270, 58.8550**.

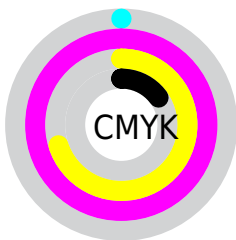
Distribution



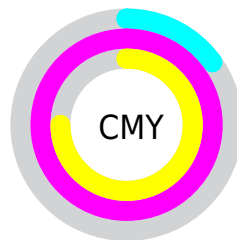
- Red (85%)
- Green (0%)
- Blue (25%)



- Red (85%)
- Yellow (0%)
- Blue (25%)



- Cyan (0%)
- Magenta (100%)
- Yellow (70%)
- Black (15%)





- Cyan (15%)
- Magenta (100%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 71.8800, 108.1920, 65.6960 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 71.8800, 108.1920, 65.6960 by changing the saturation by 10% instead.


 71.8800, 108.1920,
65.6960


 71.8800, 108.1920,
65.6960


255.0000, -0.0000,
-0.0000


 59.8040, 96.1820,
52.0700


 141.2560, 91.5530,
42.3450


 48.0700, 83.2090,
39.3770


 161.7160, 75.2780,
34.4300


 36.1790, 72.1160,
25.6520


 182.2900, 58.6820,
26.8260

 27.1380, 52.9980,
19.7020

 202.9780, 41.7650,
19.5330

 18.2820, 34.7970,
13.6530

 223.1930, 24.8020,
13.0740

 6.5780, 13.1120,
4.6640

 243.9950, 7.5640,

 0.0000, 0.0000,

6.0920

0.0000

■ 71.8800, 108.1920,
65.6960

■ 86.5040, 97.3270,
58.8550

■ 100.6550, 86.4160,
52.8480

■ 115.2790, 75.5510,
46.0070

■ 129.9030, 64.6860,
39.1660

■ 143.9400, 54.0960,
32.8480

■ 158.5640, 43.2310,
26.0070

■ 172.7150, 32.3200,
20.0000

■ 187.3390, 21.4550,
13.1590

■ 201.9630, 10.5900,
6.3180

Harmonies

Analogous

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



77.6810, 84.6680, 84.5400



71.8800, 108.1920, 65.6960



95.8510, 95.6860, 5.9740

Triad

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



71.8800, 108.1920, 65.6960



76.4070, -37.4010, -65.6010



98.8600, -110.2690, 10.5230

Complementary

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



71.8800, 108.1920, 65.6960



144.1200, -108.1920, -65.6960

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.



101.5380, -104.0310, -3.4150



71.8800, 108.1920, 65.6960



88.6900, -65.0980, -42.7140

Square

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



71.8800, 108.1920, 65.6960



95.5670, 18.5310, -44.0050



97.0290, -87.2010, -22.0890



94.6130, -81.1120, 27.2720

Rectangle

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



71.8800, 108.1920, 65.6960



101.5670, 72.3980, -12.5140



97.0290, -87.2010, -22.0890



100.5240, -109.4430, 6.5650

Sweetspot

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



71.8800, 108.1920, 65.6960



204.2320, 38.2340, 22.9540



69.7730, 20.6600, 99.1880



97.2360, 23.2430, 13.7950



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.



71.8800, 108.1920, 65.6960



84.9090, 127.5840, 77.6960



89.8250, 116.9110, 23.3030



99.7450, 5.2720, 3.5760



56.9430, 85.5450, 52.1130



14.3390, 21.4550, 13.1590

Inverse Universe

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



71.8800, 108.1920, 65.6960



84.9090, 127.5840, 77.6960



126.1750, -116.9110, -23.3030



99.7450, 5.2720, 3.5760



56.9430, 85.5450, 52.1130



14.3390, 21.4550, 13.1590

Previews

White Background



This preview shows how the YIQ color 71.8800, 108.1920, 65.6960 looks on a white background.

Color Contrast Check

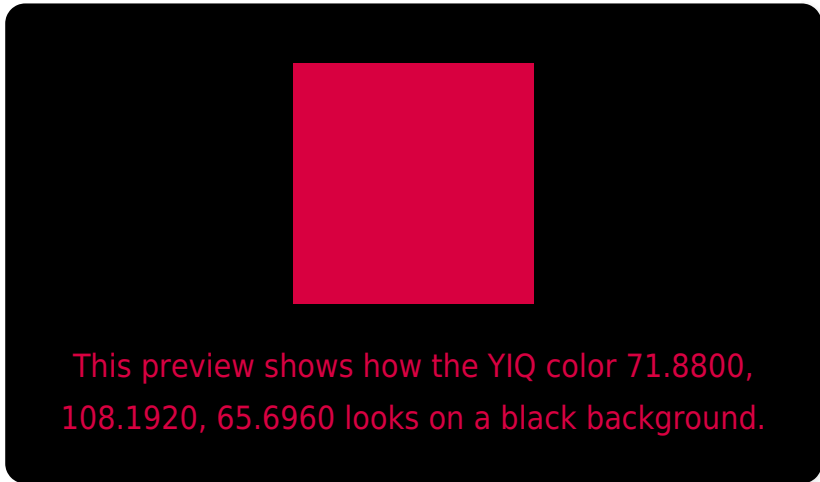
Large Text (above 18pt) WCAG AA ✓ Pass

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 71.8800, 108.1920, 65.6960

Background



This preview shows how black text looks on a background with the YIQ color 71.8800, 108.1920, 65.6960.



This preview shows how white text looks on a background with the YIQ color 71.8800, 108.1920,

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

71.8800, 108.1920, 65.6960

Protanopia

109.7850, 7.7950, -3.6050

Deuteranopia

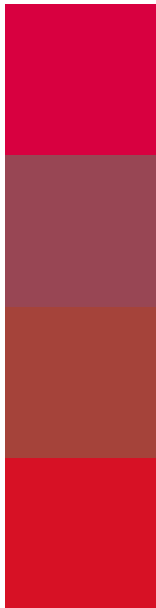
108.4550, 34.8470, -9.2890



Tritanopia

81.9410, 114.2490, 38.5130

Trichromacy



Original Color

71.8800, 108.1920, 65.6960

Protanomaly

96.1140, 44.3780, 21.7380

Deuteranomaly

95.2760, 61.2970, 17.9770

Tritanomaly

78.4820, 111.5880, 48.1960

Monochromacy



Original Color

71.8800, 108.1920, 65.6960

Achromatopsia

72.0000, -0.0000, 0.0000

Achromatomaly

71.9440, 39.1050, 23.6890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 71.8800, 108.1920, 65.6960 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, 0, 64)` looks like.

```
.text, #text, p{  
    color:rgb(216, 0, 64)  
}
```

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, 0, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 0, 64) }
```

Border

The CSS property to change the border of an element to YIQ 71.8800, 108.1920, 65.6960 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, 0, 64) }
```


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

```
.border{ border-color:rgb(216, 0, 64) }
```

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

Here you see how a box with a 4 pixel rgb(216, 0, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 0, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 0, 64);  
box-shadow:4px 4px 4px 4px rgb(216, 0, 64)  
}
```

Background

The CSS property to change the background color of an element to YIQ 71.8800, 108.1920, 65.6960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 0, 64) }
```

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

```
.background{ background-color: rgb(216, 0,  
64) }
```

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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