

Converting Colors

YIQ(113.0020, 6.8270, 24.9630)

Have a look what the booklet for
YIQ(113.0020, 6.8270, 24.9630)
contains.

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Color

**YIQ(113.0020, 6.8270,
24.9630)**

Conversions

Conversions Part 1

Format	Color
Hex	875F94
RGB	135, 95, 148
RGB Percent	53%, 37%, 58%
CMY	0.4705, 0.6275, 0.4196
CMYK	0.09, 0.36, 0.00, 0.42
HSL	285°, 22%, 48%
HSV	285°, 36%, 58%
XYZ	19.4327, 15.4730, 29.9779
YIQ	113.0020, 6.8270, 24.9630

Conversions

Conversions Part 2

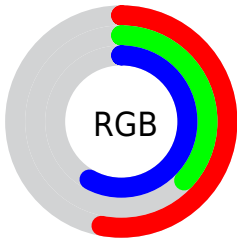
Format	Color
R _Y B	135, 95, 148
Decimal	8871828
CIE Lab	46.28, 26.13, -22.74
CIE LCh	46, 34.637, 318.967
Yxy	15.4730, 0.2995, 0.2385
Android (android.graphics.Color)	4287061908 (0xFF875F94)
YUV	113.0020, 17.2540, 19.2922
Hunter-Lab	39.3358, 19.3450, -17.6500

Details

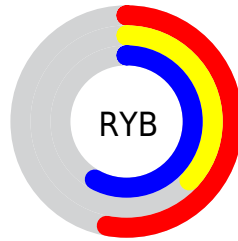
The YIQ color **113.0020, 6.8270, 24.9630** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **129.9980, -6.8270, -24.9630**, and the grayscale version is **113.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **165.2410, 7.6520, 26.5320**, and **64.3500, 5.7270, 22.8710** is the 20% darker color. If you saturate the color by 10%, you get **103.0010, 8.5680, 31.9600**, and if you desaturate by 10%, it is **123.0030, 5.0860, 17.9660**.

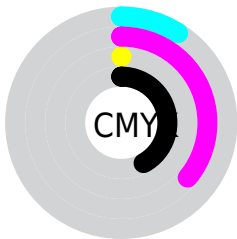
Distribution



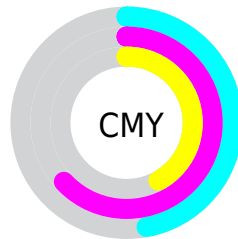
- Red (53%)
- Green (37%)
- Blue (58%)



- Red (53%)
- Yellow (37%)
- Blue (58%)



- Cyan (9%)
- Magenta (36%)
- Yellow (0%)
- Black (42%)





- Cyan (47%)
- Magenta (63%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 113.0020, 6.8270, 24.9630 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 113.0020, 6.8270, 24.9630 by changing the saturation by 10% instead.

 113.0020, 6.8270,
24.9630

 113.0020, 6.8270,
24.9630


255.0000, -0.0000,
-0.0000

 88.1760, 6.2770,
23.9170

 165.2410, 7.6520,
26.5320

 64.3500, 5.7270,
22.8710


 192.6540, 7.9270,
27.0550

 40.9370, 5.4520,
22.3480

 220.0240, 9.7610,
26.8570

 18.5240, 5.1770,
21.8250

 239.7380, 7.1500,
13.5980

 5.3990, -5.1370,
10.5030

 0.0000, 0.0000,
0.0000

113.0020, 6.8270,
24.9630

113.0020, 6.8270,
24.9630

103.0010, 8.5680,
31.9600

123.0030, 5.0860,
17.9660

93.2990, 10.9050,
39.1690

132.7050, 2.7490,
10.7570

83.8850, 12.3710,
45.6430

142.1190, 1.2830,
4.2830

74.1830, 14.7080,
52.8520

152.1200, -0.4580,
-2.7140

64.1820, 16.4490,
59.8490

161.8220, -2.7950,
-9.9230

54.1810, 18.1900,
66.8460


171.8230, -4.5360,
-16.9200

50.3600, 19.2440,
69.7720

181.5250, -6.8730,
-24.1290

190.9390, -8.3390,

-30.6030

 200.9400,
-10.0800, -37.6000

Harmonies

Analogous

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



109.3230, -25.1740, 15.7060



113.0020, 6.8270, 24.9630



112.2190, 31.0810, 25.9370

Triad

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



113.0020, 6.8270, 24.9630



107.6400, 35.7640, -9.3880



87.3800, -75.1880, -25.0440

Complementary

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



113.0020, 6.8270, 24.9630



129.9980, -6.8270, -24.9630

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.



91.7340, -50.0620, -28.8620



113.0020, 6.8270, 24.9630



105.5510, 16.6010, -20.0310

Square

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



113.0020, 6.8270, 24.9630



109.4600, 45.6190, 4.7470



101.1440, -10.1740, -24.8780



89.0560, -82.6630, -16.2230

Rectangle

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



113.0020, 6.8270, 24.9630



111.1460, 41.3520, 21.5120



101.1440, -10.1740, -24.8780



86.8270, -72.2530, -28.6770

Sweetspot

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



113.0020, 6.8270, 24.9630



177.1780, 2.7950, 9.9230



108.6730, -20.5880, 9.6840



88.4720, 1.7870, 6.1630



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



113.0020, 6.8270, 24.9630



136.8860, 10.6300, 38.6460



115.4070, 18.7480, 23.6760



69.2930, 0.7330, 3.2370



46.8280, 17.6860, 64.9660



3.5320, 1.5580, 4.8060

Inverse Universe

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



112.3290, 27.4150, 15.2790



135.7980, 42.4520, 23.6040



127.5930, -18.7480, -23.6760



69.2070, 3.8510, 1.7950



45.1380, 71.3340, 39.8300



3.2180, 5.3180, 2.7420

Previews

White Background



This preview shows how the YIQ color 113.0020, 6.8270, 24.9630 looks on a white background.

Color Contrast Check

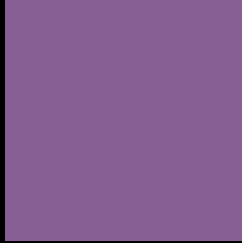
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 113.0020, 6.8270, 24.9630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

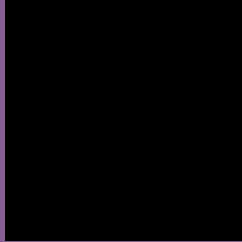
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 113.0020, 6.8270, 24.9630

Background



This preview shows how black text looks on a background with the YIQ color 113.0020, 6.8270, 24.9630.



This preview shows how white text looks on a background with the YIQ color 113.0020, 6.8270,

24.9630.

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

113.0020, 6.8270, 24.9630

Protanopia

109.5140, -24.3940, 12.5820

Deuteranopia

110.1250, -16.0490, 10.0230



Tritanopia

111.9850, 13.5240, 8.2120

Trichromacy



Original Color

113.0020, 6.8270, 24.9630

Protanomaly

110.6080, -12.7950, 17.1330

Deuteranomaly

110.8920, -7.8430, 15.4930

Tritanomaly

112.3040, 11.3680, 14.2480

Monochromacy



Original Color

113.0020, 6.8270, 24.9630

Achromatopsia

113.0000, -0.0000, 0.0000

Achromatomaly

112.7650, 2.5200, 9.4000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 113.0020, 6.8270, 24.9630 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(135, 95, 148)` looks like.

```
.text, #text, p{  
    color:rgb(135, 95, 148)  
}
```

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(135, 95, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 95, 148) }
```

Border

The CSS property to change the border of an element to YIQ 113.0020, 6.8270, 24.9630 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(135, 95, 148) }
```


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

```
.border{ border-color:rgb(135, 95, 148) }
```

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

Here you see how a box with a 4 pixel rgb(135, 95, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 95, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 95, 148);  
box-shadow:4px 4px 4px 4px rgb(135, 95,  
148) }
```

Background

The CSS property to change the background color of an element to YIQ 113.0020, 6.8270, 24.9630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 95, 148) }
```

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

```
.background{ background-color: rgb(135, 95,  
148) }
```

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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