

Converting Colors

YIQ(42.7020, 26.3080, 51.8760)

Have a look what the booklet for
YIQ(42.7020, 26.3080, 51.8760)
contains.

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Color

**YIQ(42.7020, 26.3080,
51.8760)**

Conversions

Conversions Part 1

Format	Color
Hex	640266
RGB	100, 2, 102
RGB Percent	39%, 1%, 40%
CMY	0.6075, 0.9923, 0.6000
CMYK	0.02, 0.98, 0.00, 0.60
HSL	299°, 96%, 20%
HSV	299°, 98%, 40%
XYZ	7.6837, 3.7156, 12.8844
YIQ	42.7020, 26.3080, 51.8760

Conversions

Conversions Part 2

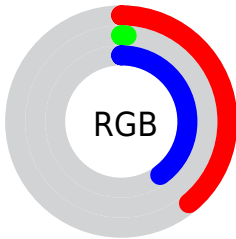
Format	Color
RYB	100, 2, 102
Decimal	6554214
CIELab	22.71, 49.35, -31.45
CIELCh	23, 58.521, 327.491
Yxy	3.7156, 0.3164, 0.1530
Android (android.graphics.Color)	4284744294 (0xFF640266)
YUV	42.7020, 29.2339, 50.2503
Hunter-Lab	19.2759, 37.4208, -26.1374

Details

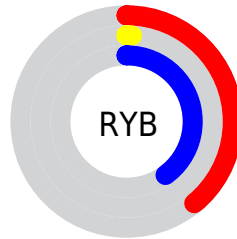
The YIQ color **42.7020, 26.3080, 51.8760** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **61.2980, -26.3080, -51.8760**, and the grayscale version is **42.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **101.7570, 24.4750, 46.5470**, and **21.1060, 12.4660, 27.3940** is the 20% darker color. If you saturate the color by 10%, you get **41.5280, 26.8580, 52.9220**, and if you desaturate by 10%, it is **48.5720, 23.5580, 46.6460**.

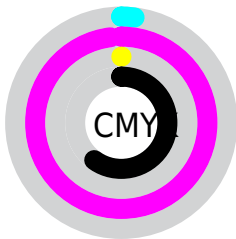
Distribution



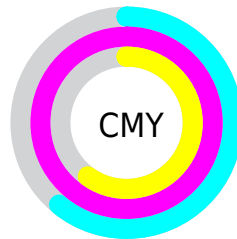
- Red (39%)
- Green (1%)
- Blue (40%)



- Red (39%)
- Yellow (1%)
- Blue (40%)



- Cyan (2%)
- Magenta (98%)
- Yellow (0%)
- Black (60%)



- Cyan (61%)
- Magenta (99%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 42.7020, 26.3080, 51.8760 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 42.7020, 26.3080, 51.8760 by changing the saturation by 10% instead.

42.7020, 26.3080,
51.8760

42.7020, 26.3080,
51.8760

255.0000, -0.0000,
-0.0000

31.0180, 19.0660,
39.9460

101.7570, 24.4750,
46.5470

21.1060, 12.4660,
27.3940

128.4690, 25.3460,
47.2820

9.9270, 2.2440,
14.4040

156.0670, 26.5380,
47.7060

0.4560, -1.2840,
1.2440

183.8930, 27.0880,
48.7520


0.0000, 0.0000,
0.0000


206.2790, 22.8250,
43.4090


222.7150, 15.1250,


28.7650


 239.7380, 7.1500,
13.5980


 42.7020, 26.3080,
51.8760


 42.7020, 26.3080,
51.8760


 41.5280, 26.8580,
52.9220

 48.5720, 23.5580,
46.6460

 54.4420, 20.8080,
41.4160

 61.1980, 18.3790,
35.8750

 67.0680, 15.6290,
30.6450

 72.9380, 12.8790,
25.4150

■ 78.8080, 10.1290,
20.1850

■ 84.6780, 7.3790,
14.9550

■ 91.4340, 4.9500,
9.4140

■ 97.3040, 2.2000,
4.1840

Harmonies

Analogous

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



48.1660, -40.4890, 23.4390



42.7020, 26.3080, 51.8760



43.9160, 54.6440, 44.9480

Triad

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



42.7020, 26.3080, 51.8760



51.7530, 28.0160, -12.1440



52.3930, -49.6990, -7.8990

Complementary

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



42.7020, 26.3080, 51.8760



61.2980, -26.3080, -51.8760

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.



46.6760, -34.9790, -21.3710



42.7020, 26.3080, 51.8760



44.7550, -1.8290, -27.4370

Square

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



42.7020, 26.3080, 51.8760



47.8200, 53.4130, 6.6690



39.9160, -18.7000, -35.5640



55.2090, -60.3840, 4.0320

Rectangle

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



42.7020, 26.3080, 51.8760



41.0230, 64.2280, 36.4520



39.9160, -18.7000, -35.5640



50.7970, -45.2050, -12.2530

Sweetspot

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



42.7020, 26.3080, 51.8760



109.8080, 10.1290, 20.1850



15.1610, -32.9250, 29.5310



52.4990, 6.3250, 12.0290



194.0000, -0.0000, 0.0000



66.0000, -0.0000, -0.0000

Same Dimension

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



42.7020, 26.3080, 51.8760



54.0320, 34.7870, 68.9230



37.9420, 42.5870, 37.6830



48.0650, 1.3750, 2.6150



46.8970, 30.4330, 59.7210



98.7500, 64.1660, 125.7180

Inverse Universe

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



32.1280, 58.9580, 21.8220



40.1090, 78.3050, 29.1290



66.0580, -42.5870, -37.6830



47.4950, 2.9800, 1.0600



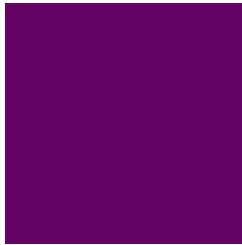
34.6130, 67.8980, 25.0020



72.9280, 142.6270, 52.8590

Previews

White Background



This preview shows how the YIQ color 42.7020, 26.3080, 51.8760 looks on a white background.

Color Contrast Check

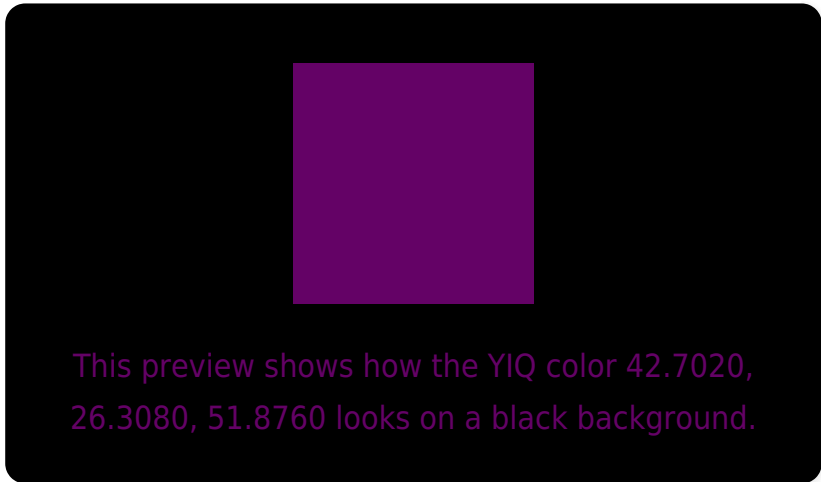
Large Text (above 18pt) WCAG AA ✓ Pass

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

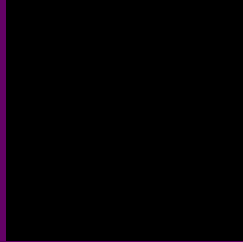
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 42.7020, 26.3080, 51.8760

Background



This preview shows how black text looks on a background with the YIQ color 42.7020, 26.3080, 51.8760.



This preview shows how white text looks on a background with the YIQ color 42.7020, 26.3080,

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

42.7020, 26.3080, 51.8760

Protanopia

46.3240, -53.2780, 7.4100

Deuteranopia

54.5580, -27.6940, 6.3060



Tritanopia

56.4880, 31.2210, 12.3810

Trichromacy



Original Color

42.7020, 26.3080, 51.8760

Protanomaly

44.6640, -24.3960, 23.6360

Deuteranomaly

50.5210, -7.9360, 22.6880

Tritanomaly

51.2620, 29.5220, 26.6580

Monochromacy



Original Color

42.7020, 26.3080, 51.8760

Achromatopsia

43.0000, -0.0000, -0.0000

Achromatomaly

42.8680, 9.9000, 18.8280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 42.7020, 26.3080, 51.8760 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(100, 2, 102)` looks like.

```
.text, #text, p{  
    color:rgb(100, 2, 102)  
}
```

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(100, 2, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 2, 102) }
```

Border

The CSS property to change the border of an element to YIQ 42.7020, 26.3080, 51.8760 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(100, 2, 102) }
```


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

```
.border{ border-color:rgb(100, 2, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 2, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 2, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 2, 102);  
box-shadow:4px 4px 4px 4px rgb(100, 2,  
102) }
```

Background

The CSS property to change the background color of an element to YIQ 42.7020, 26.3080, 51.8760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 2, 102) }
```

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

```
.background{ background-color: rgb(100, 2,  
102) }
```

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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