

Converting Colors

YIQ(41.2920, 29.9780, 40.4260)

Have a look what the booklet for
YIQ(41.2920, 29.9780, 40.4260)
contains.

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Color

**YIQ(41.2920, 29.9780,
40.4260)**

Conversions

Conversions Part 1

Format	Color
Hex	5F074D
RGB	95, 7, 77
RGB Percent	37%, 3%, 30%
CMY	0.6272, 0.9727, 0.6980
CMYK	0.00, 0.93, 0.19, 0.63
HSL	312°, 86%, 20%
HSV	312°, 93%, 37%
XYZ	6.1417, 3.1236, 7.3034
YIQ	41.2920, 29.9780, 40.4260

Conversions

Conversions Part 2

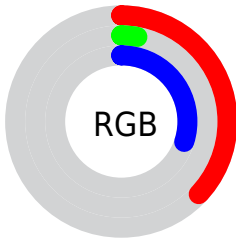
Format	Color
R_{YB}	95, 7, 77
Decimal	6227789
CIE Lab	20.53, 43.18, -18.28
CIE LCh	21, 46.884, 337.058
Yxy	3.1236, 0.3707, 0.1885
Android (android.graphics.Color)	4284417869 (0xFF5F074D)
YUV	41.2920, 17.6040, 47.1019
Hunter-Lab	17.6736, 31.1015, -12.1295

Details

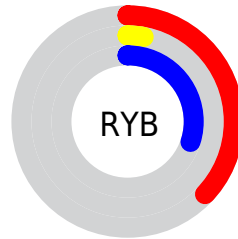
The YIQ color **41.2920, 29.9780, 40.4260** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **60.7080, -29.9780, -40.4260**, and the grayscale version is **41.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **96.1840, 30.1620, 37.0900**, and **18.1140, 18.0150, 20.4390** is the 20% darker color. If you saturate the color by 10%, you get **37.0690, 32.2240, 43.7760**, and if you desaturate by 10%, it is **46.8030, 26.8610, 36.3410**.

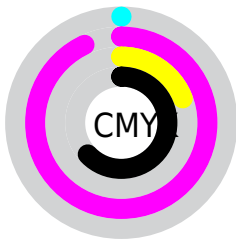
Distribution



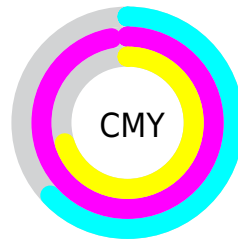
- Red (37%)
- Green (3%)
- Blue (30%)



- Red (37%)
- Yellow (3%)
- Blue (30%)



- Cyan (0%)
- Magenta (93%)
- Yellow (19%)
- Black (63%)



- Cyan (63%)
- Magenta (97%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 41.2920, 29.9780, 40.4260 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 41.2920, 29.9780, 40.4260 by changing the saturation by 10% instead.

41.2920, 29.9780,
40.4260

41.2920, 29.9780,
40.4260

255.0000, -0.0000,
-0.0000

26.7870, 23.7900,
31.4220

96.4830, 30.7580,
37.3020

18.1140, 18.0150,
20.4390

122.7820, 31.3540,
37.5140

1.7660, 0.7790,
2.4030

149.7930, 32.8210,
38.4610

0.0000, 0.0000,
0.0000


177.5050, 33.6920,
39.1960


202.8250, 29.7950,
38.2350


221.5410, 15.6750,


29.8110


 238.5640, 7.7000,
14.6440


 41.2920, 29.9780,
40.4260


 41.2920, 29.9780,
40.4260


 37.0690, 32.2240,
43.7760

 46.8030, 26.8610,
36.3410

 52.9010, 23.4690,
31.7330

 58.4120, 20.3520,
27.6480

 64.5100, 16.9600,
23.0400

 70.6080, 13.5680,
18.4320

■ 76.1190, 10.4510,
14.3470

■ 82.2170, 7.0590,
9.7390

■ 87.7280, 3.9420,
5.6540

■ 93.8260, 0.5500,
1.0460

Harmonies

Analogous

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



49.5580, -9.3580, 26.4340



41.2920, 29.9780, 40.4260



36.8950, 49.9690, 36.0570

Triad

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



41.2920, 29.9780, 40.4260



46.3820, 18.7550, -15.0130



47.3550, -46.5360, -4.6480

Complementary

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



41.2920, 29.9780, 40.4260



60.7080, -29.9780, -40.4260

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.



43.4790, -35.6220, -15.2220



41.2920, 29.9780, 40.4260



38.8300, -6.4140, -26.9420

Square

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



41.2920, 29.9780, 40.4260



46.5360, 39.2930, -1.7550



38.6740, -23.4700, -26.2060



48.2160, -53.0940, 4.0740

Rectangle

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



41.2920, 29.9780, 40.4260



34.9630, 55.2890, 27.7450



38.6740, -23.4700, -26.2060



46.6880, -43.2800, -8.5920

Sweetspot

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



41.2920, 29.9780, 40.4260



101.2440, 11.5970, 15.6050



22.4140, -17.5200, 31.1840



48.2170, 7.0590, 9.7390



189.0000, -0.0000, -0.0000



61.0000, 0.0000, -0.0000

Same Dimension

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



41.2920, 29.9780, 40.4260



47.5360, 41.5750, 56.0310



36.2760, 44.1020, 26.7420



45.5380, 1.4210, 1.7810



43.6340, 38.1830, 51.4230



93.5340, 81.7290, 110.2810

Inverse Universe

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



41.2920, 29.9780, 40.4260



47.5360, 41.5750, 56.0310



65.7240, -44.1020, -26.7420



45.5380, 1.4210, 1.7810



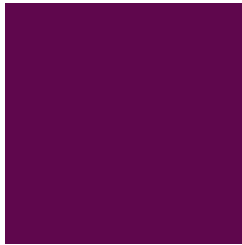
43.6340, 38.1830, 51.4230



93.5340, 81.7290, 110.2810

Previews

White Background



This preview shows how the YIQ color 41.2920, 29.9780, 40.4260 looks on a white background.

Color Contrast Check

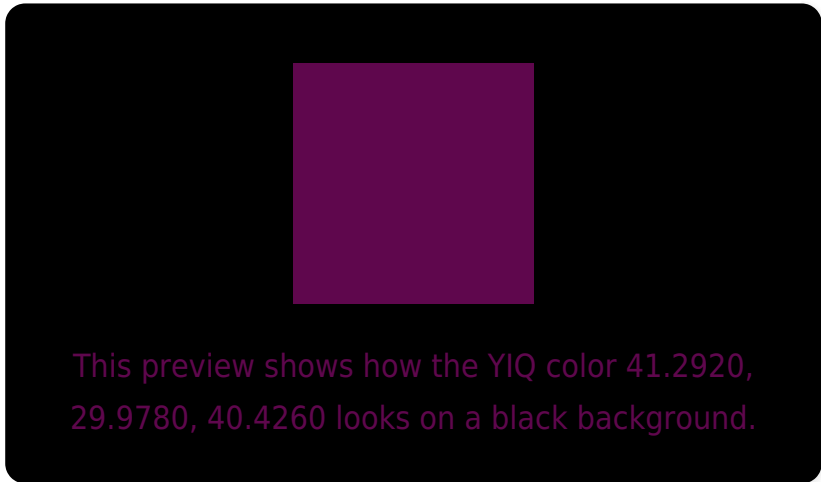
Large Text (above 18pt) WCAG AA ✓ Pass

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

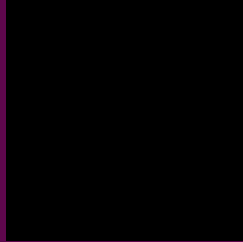
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 41.2920, 29.9780, 40.4260

Background



This preview shows how black text looks on a background with the YIQ color 41.2920, 29.9780, 40.4260.



This preview shows how white text looks on a background with the YIQ color 41.2920, 29.9780,

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

41.2920, 29.9780, 40.4260

Protanopia

41.6620, -48.4180, 7.4380

Deuteranopia

52.4860, -9.9960, 4.9480



Tritanopia

49.0540, 35.4390, 13.0310

Trichromacy



Original Color

41.2920, 29.9780, 40.4260

Protanomaly

41.4810, -19.6270, 19.8050

Deuteranomaly

48.7040, 4.4900, 17.7540

Tritanomaly

45.8940, 33.3740, 22.9260

Monochromacy



Original Color

41.2920, 29.9780, 40.4260

Achromatopsia

41.0000, 0.0000, -0.0000

Achromatomaly

41.4180, 11.0470, 14.5590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 41.2920, 29.9780, 40.4260 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(95, 7, 77)` looks like.

```
.text, #text, p{  
    color:rgb(95, 7, 77)  
}
```

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(95, 7, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 7, 77) }
```

Border

The CSS property to change the border of an element to YIQ 41.2920, 29.9780, 40.4260 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(95, 7, 77) }
```


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

```
.border{ border-color:rgb(95, 7, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 7, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 7, 77); -webkit-box-shadow:4px  
4px 4px 4px rgb(95, 7, 77); box-shadow:4px  
4px 4px 4px rgb(95, 7, 77) }
```

Background

The CSS property to change the background color of an element to YIQ 41.2920, 29.9780, 40.4260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 7, 77) }
```

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

```
.background{ background-color: rgb(95, 7,  
77) }
```

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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