

Converting Colors

YIQ(41.4920, 17.3710, 32.1150)

Have a look what the booklet for
YIQ(41.4920, 17.3710, 32.1150)
contains.

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Color

**YIQ(41.4920, 17.3710,
32.1150)**

Conversions

Conversions Part 1

Format	Color
Hex	4E104D
RGB	78, 16, 77
RGB Percent	31%, 6%, 30%
CMY	0.6939, 0.9373, 0.6980
CMYK	0.00, 0.80, 0.01, 0.69
HSL	301°, 66%, 18%
HSV	301°, 80%, 31%
XYZ	4.6704, 2.5274, 7.2639
YIQ	41.4920, 17.3710, 32.1150

Conversions

Conversions Part 2

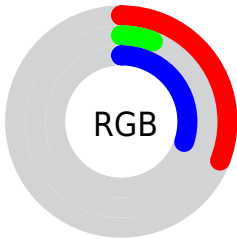
Format	Color
R_{YB}	78, 16, 77
Decimal	5115981
CIE Lab	18.04, 36.40, -22.42
CIE LCh	18, 42.754, 328.371
Yxy	2.5274, 0.3230, 0.1748
Android (android.graphics.Color)	4283306061 (0xFF4E104D)
YUV	41.4920, 17.5054, 32.0175
Hunter-Lab	15.8978, 24.6179, -15.9617




Details

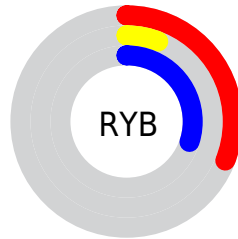
The YIQ color **41.4920, 17.3710, 32.1150** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **52.5080, -17.3710, -32.1150**, and the grayscale version is **41.0000, 0.0000, -0.0000**.




A 20% lighter version of the original color is **91.6770, 18.2880, 32.0160**, and **13.6290, 9.0750, 17.2590** is the 20% darker color. If you saturate the color by 10%, you get **36.7960, 19.5710, 36.2990**, and if you desaturate by 10%, it is **46.1880, 15.1710, 27.9310**.

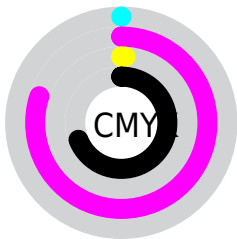
Distribution







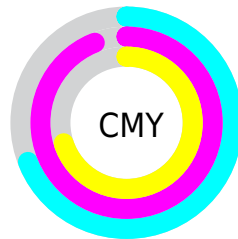
-  Red (31%)
-  Green (6%)
-  Blue (30%)






-  Red (31%)
-  Yellow (6%)
-  Blue (30%)



-  Cyan (0%)
-  Magenta (80%)
-  Yellow (1%)
-  Black (69%)



-  Cyan (69%)
-  Magenta (94%)
-  Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 41.4920, 17.3710, 32.1150 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 41.4920, 17.3710, 32.1150 by changing the saturation by 10% instead.

41.4920, 17.3710,
32.1150

41.4920, 17.3710,
32.1150

255.0000, -0.0000,
-0.0000

22.3020, 14.8500,
28.2420

91.6770, 18.2880,
32.0160

13.6290, 9.0750,
17.2590

117.3890, 19.1590,
32.7510

0.4560, -1.2840,
1.2440

143.5140, 20.3050,
34.0090

0.0000, 0.0000,
0.0000


170.9270, 20.5800,
34.5320


198.6390, 21.4510,
35.2670


220.9540, 15.9500,


30.3340


 237.9770, 7.9750,
15.1670


 41.4920, 17.3710,
32.1150


 41.4920, 17.3710,
32.1150


 36.7960, 19.5710,
36.2990


 46.1880, 15.1710,
27.9310

 32.1000, 21.7710,
40.4830

 50.8840, 12.9710,
23.7470

 54.9930, 11.0460,
20.0860

 59.8030, 8.5250,
16.2130

 64.4990, 6.3250,
12.0290

■ 69.1950, 4.1250,
7.8450

■ 73.8910, 1.9250,
3.6610

■ 78.0000, -0.0000,
-0.0000

■ 82.6960, -2.2000,
-4.1840

Harmonies

Analogous

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



42.8720, -22.2860, 18.4340



41.4920, 17.3710, 32.1150



33.7630, 41.5330, 34.7570

Triad

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



41.4920, 17.3710, 32.1150



41.6970, 22.4220, -9.8820



41.7810, -39.1080, -7.1080

Complementary

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



41.4920, 17.3710, 32.1150



52.5080, -17.3710, -32.1150

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.



37.5460, -28.5610, -16.5370



41.4920, 17.3710, 32.1150



38.0100, 2.0670, -20.9490

Square

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



41.4920, 17.3710, 32.1150



40.3560, 39.9800, 2.3160



32.9690, -17.0510, -26.8990



43.3430, -46.2620, 1.4020

Rectangle

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



41.4920, 17.3710, 32.1150



31.7820, 48.5490, 28.7490



32.9690, -17.0510, -26.8990



40.6410, -35.8980, -10.2180

Sweetspot

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



41.4920, 17.3710, 32.1150



87.9120, 6.6000, 12.5520



23.3670, -19.3060, 19.4940



42.1950, 4.1250, 7.8450



179.0000, -0.0000, -0.0000



51.0000, -0.0000, -0.0000

Same Dimension

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



41.4920, 17.3710, 32.1150



44.8330, 27.3170, 50.1090



37.9580, 27.3220, 22.4740



35.6520, 1.1000, 2.0920



41.8980, 28.6920, 52.7240



94.5340, 64.5340, 119.0460

Inverse Universe

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



41.4920, 17.3710, 32.1150



44.8330, 27.3170, 50.1090



56.0420, -27.3220, -22.4740



35.6520, 1.1000, 2.0920



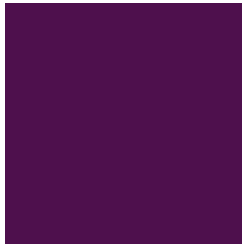
41.8980, 28.6920, 52.7240



94.5340, 64.5340, 119.0460

Previews

White Background



This preview shows how the YIQ color 41.4920, 17.3710, 32.1150 looks on a white background.

Color Contrast Check

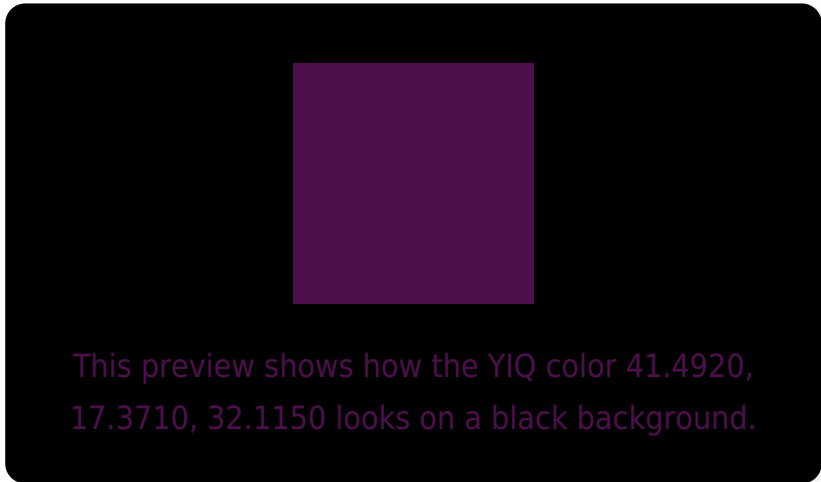
Large Text (above 18pt) WCAG AA ✓ Pass

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

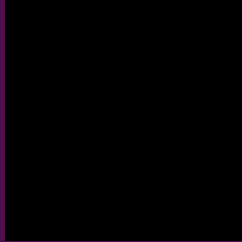
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 41.4920, 17.3710, 32.1150

Background



This preview shows how black text looks on a background with the YIQ color 41.4920, 17.3710, 32.1150.



This preview shows how white text looks on a background with the YIQ color 41.4920, 17.3710,

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

41.4920, 17.3710, 32.1150

Protanopia

36.5440, -42.2740, 6.2220

Deuteranopia

44.5930, -17.6070, 5.2170



Tritanopia

45.1880, 23.1980, 9.1020

Trichromacy



Original Color

41.4920, 17.3710, 32.1150

Protanomaly

38.3620, -20.9100, 15.5220

Deuteranomaly

43.3330, -4.7710, 14.8850

Tritanomaly

43.9740, 21.2250, 17.3290

Monochromacy



Original Color

41.4920, 17.3710, 32.1150

Achromatopsia

41.0000, 0.0000, -0.0000

Achromatomaly

41.0860, 6.0500, 11.5060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 41.4920, 17.3710, 32.1150 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(78, 16, 77)` looks like.

```
.text, #text, p{  
    color:rgb(78, 16, 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(78, 16, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 16, 77) }
```

Border

The CSS property to change the border of an element to YIQ 41.4920, 17.3710, 32.1150 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(78, 16, 77) }
```


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

```
.border{ border-color:rgb(78, 16, 77) }
```

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

Here you see how a box with a 4 pixel rgb(78, 16, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 16, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 16, 77);  
box-shadow:4px 4px 4px 4px rgb(78, 16, 77)  
}
```

Background

The CSS property to change the background color of an element to YIQ 41.4920, 17.3710, 32.1150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 16, 77) }
```

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

```
.background{ background-color: rgb(78, 16,  
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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